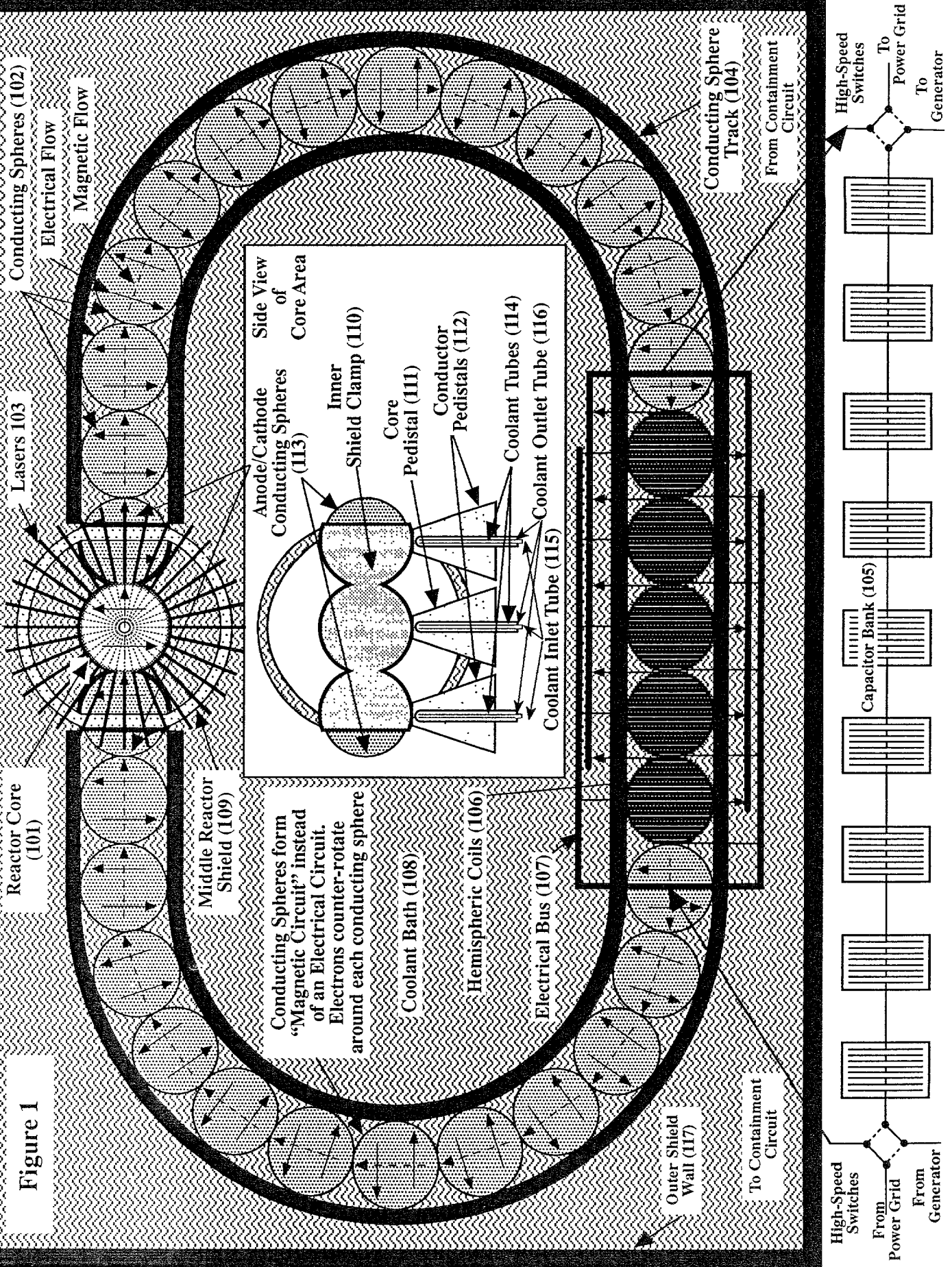


Figure 1



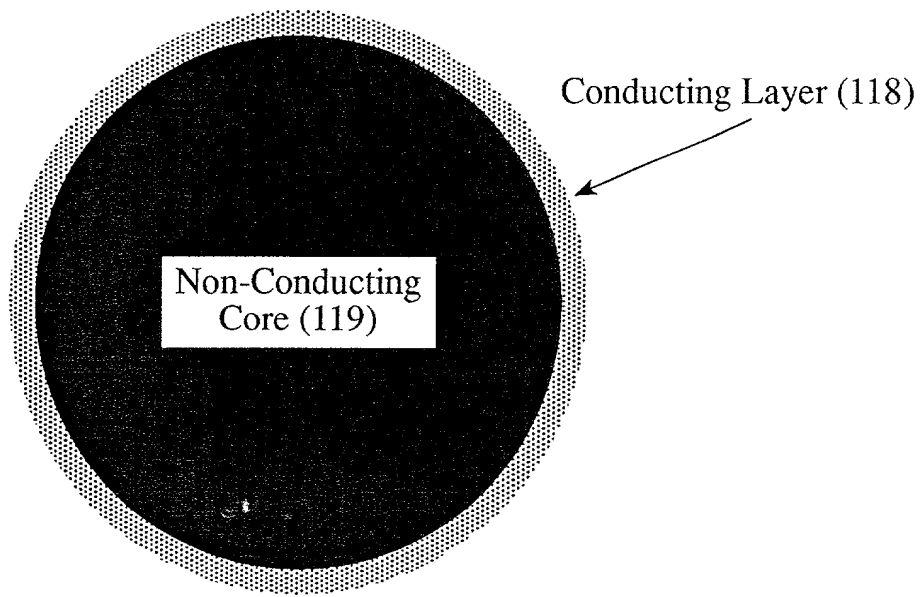


Figure 2

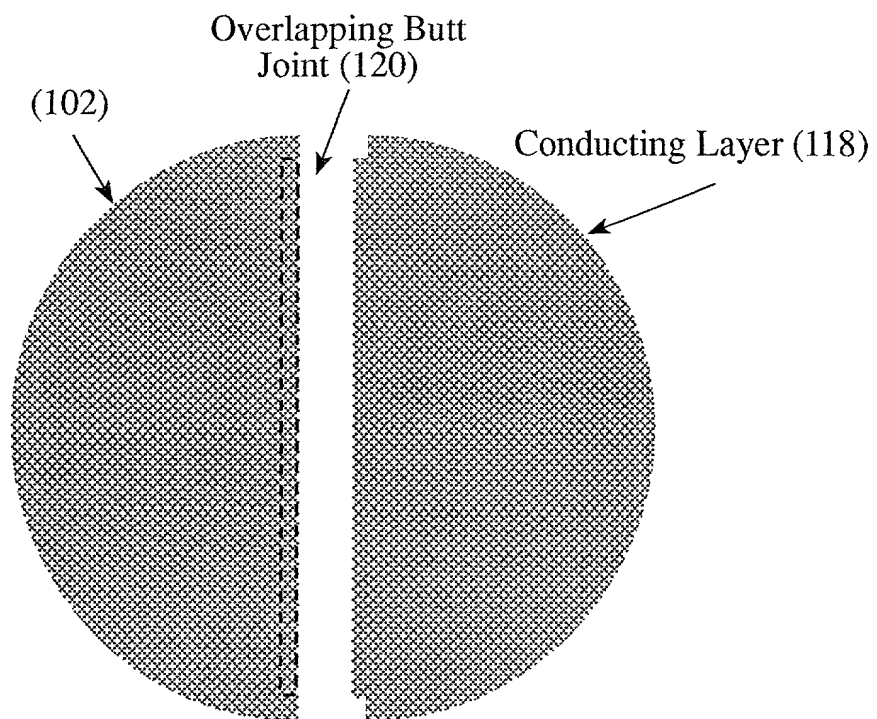


Figure 3

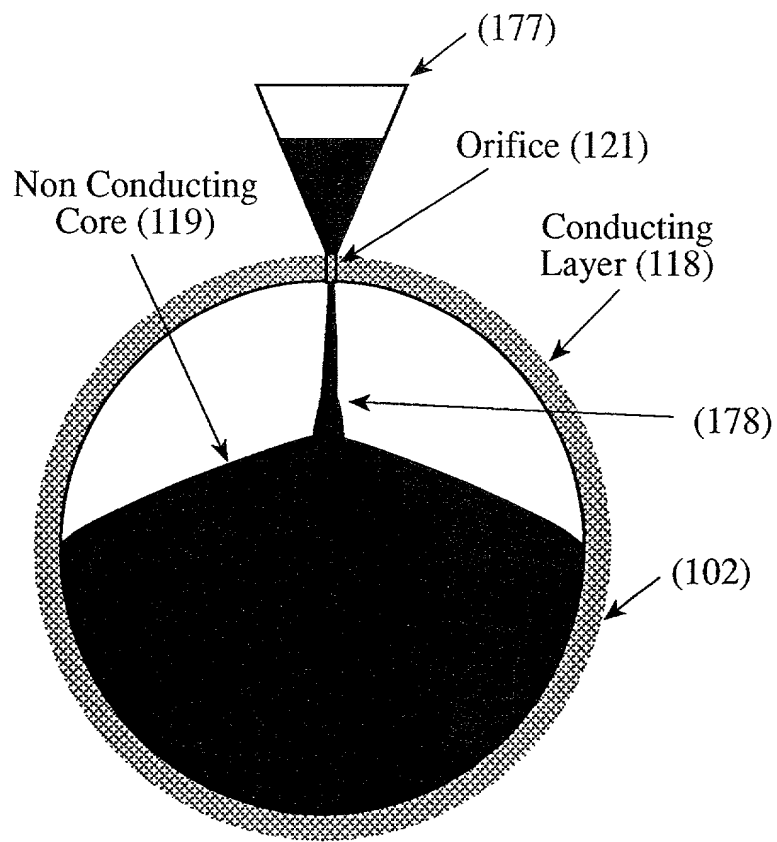


Figure 4

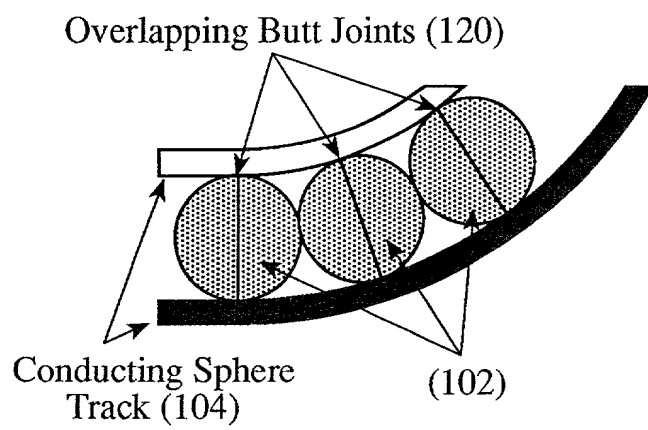


Figure 5

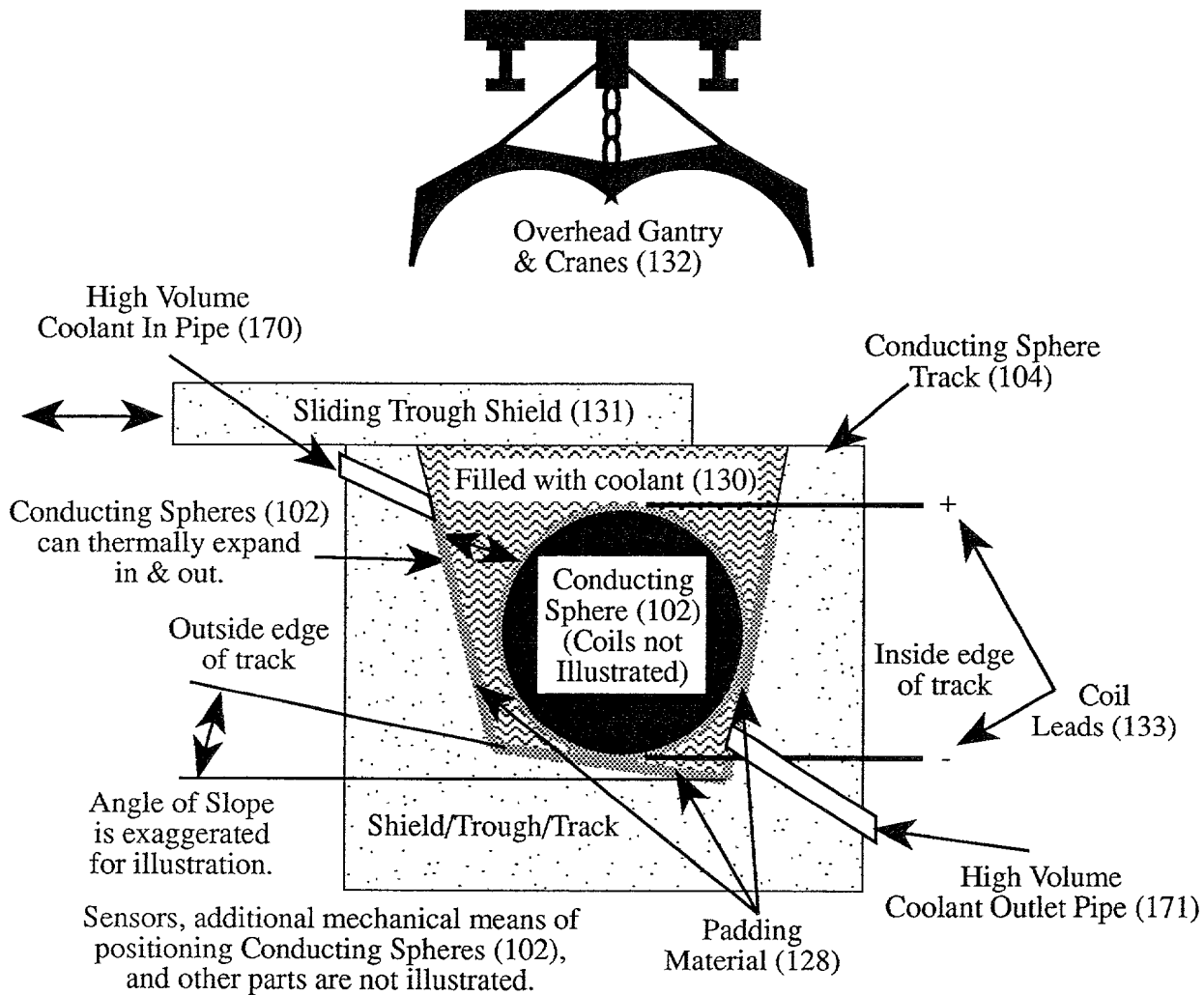


Figure 7

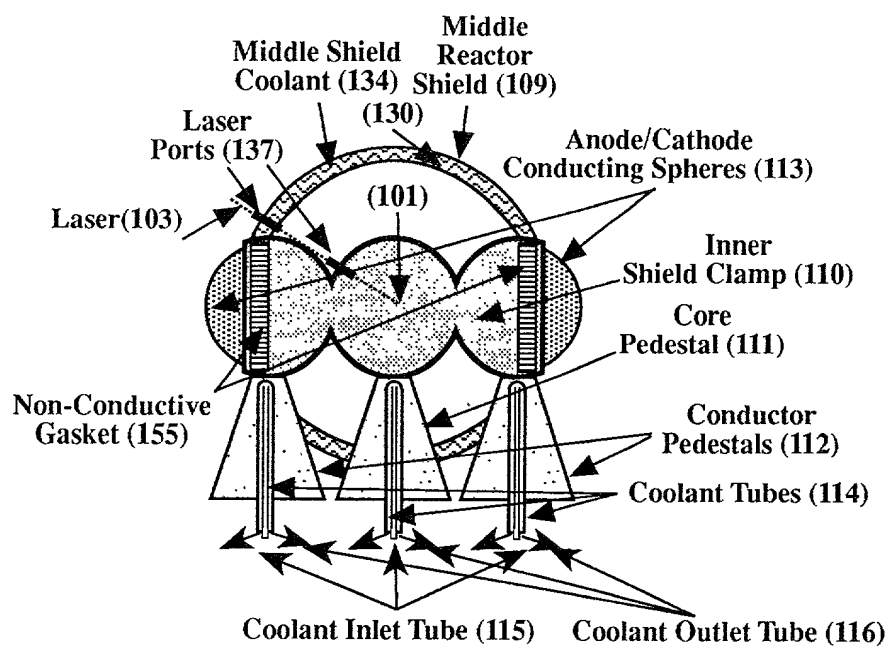


Figure 8

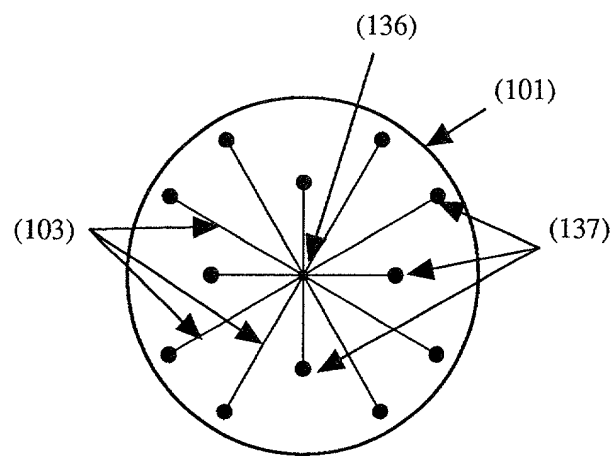


Figure 10

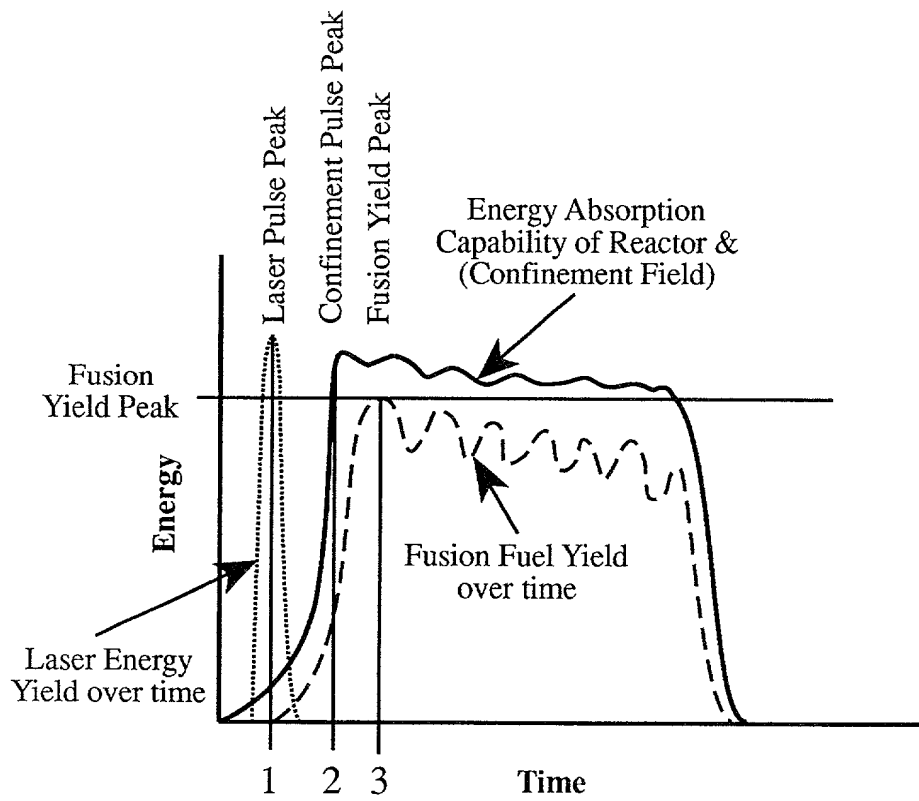


Figure 11

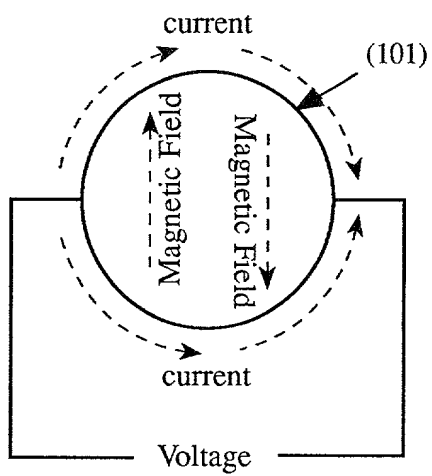


Figure 12

Figure 12 is a schematic diagram of a circular device (101) showing current flow and magnetic fields. The device is connected to a voltage source, and the current flows clockwise. The magnetic field is shown as two vertical dashed arrows, one pointing up and one pointing down.

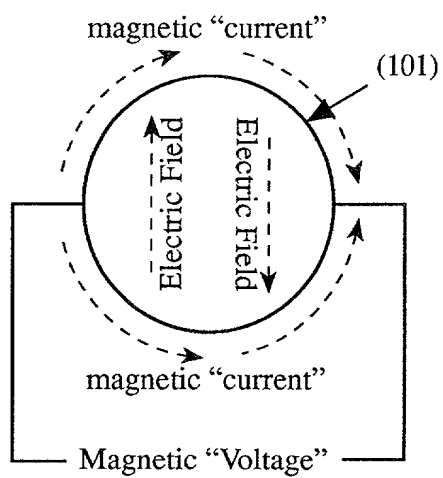


Figure 13

Figure 13 is a schematic diagram of a magnetic field. The diagram shows a circular loop with a dashed line inside representing the magnetic field. The loop is connected to a rectangular circuit on the left and right sides. The label "Magnetic 'Voltage'" is positioned below the right-side connection. The label "magnetic 'current'" is positioned above the top and below the bottom of the loop. The label "Electric Field" is positioned inside the loop, with two vertical dashed arrows pointing up and down. The label (101) is positioned to the right of the loop.

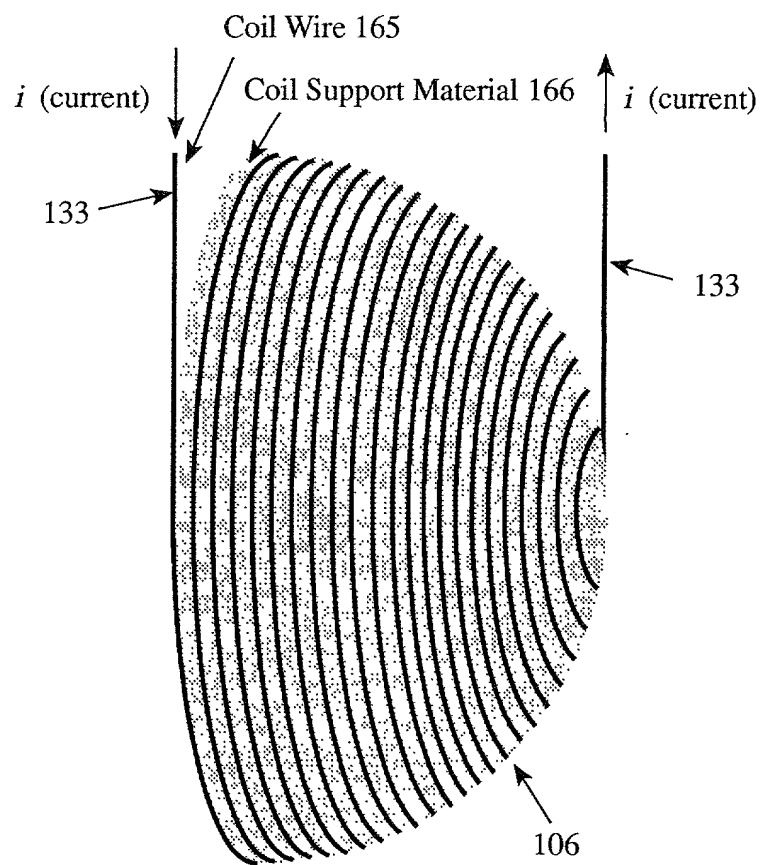


Figure 14

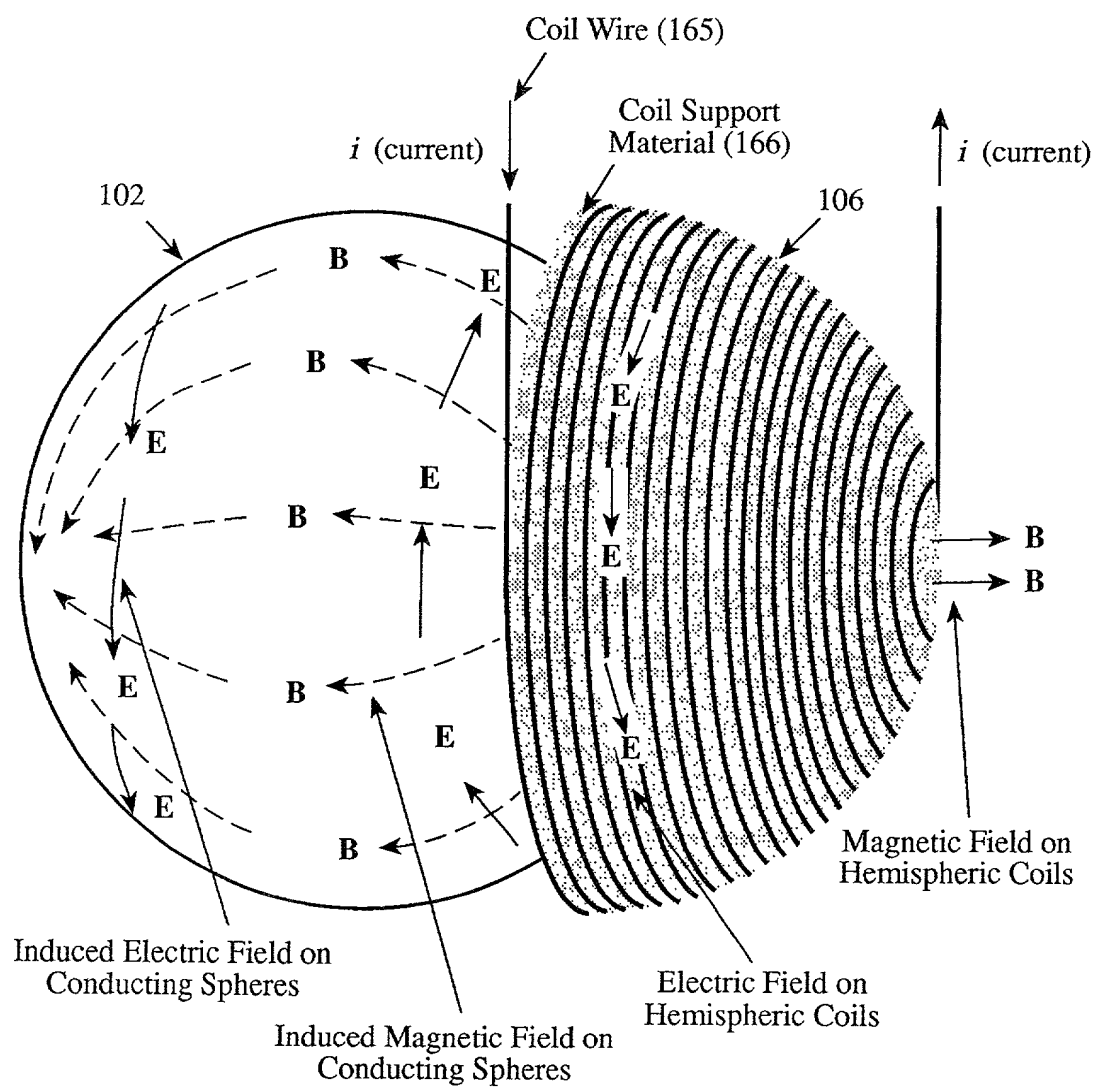


Figure 15

Exploded View of
Parallel Hemispheric Coils

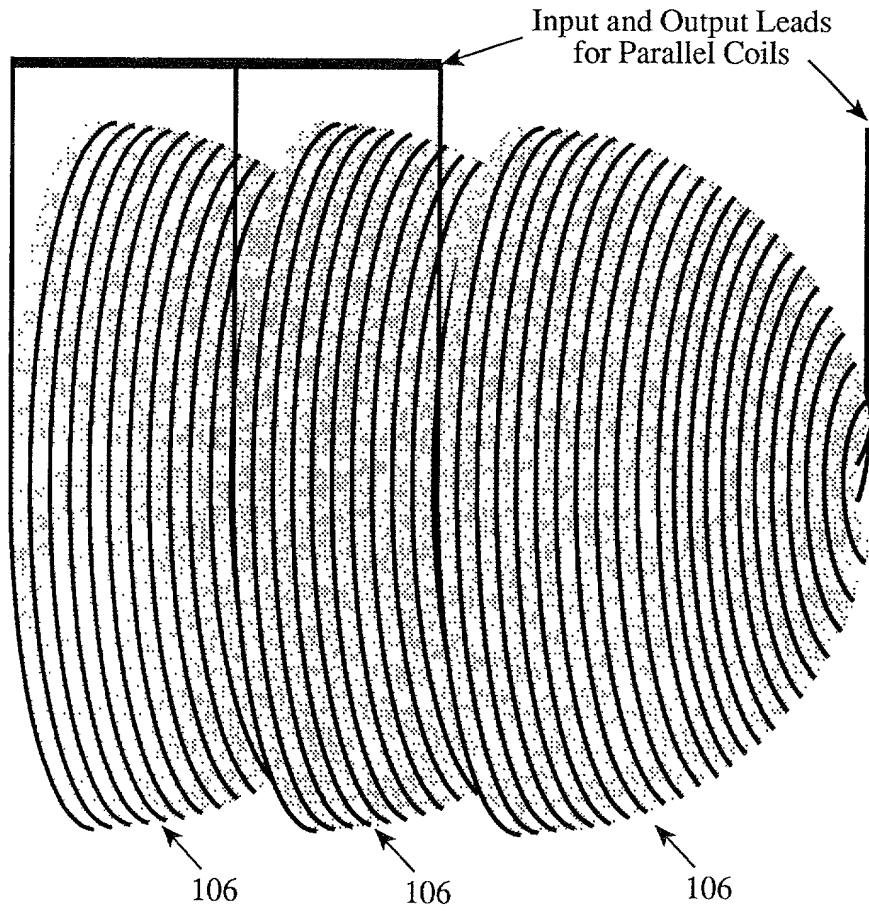


Figure 16

Exploded View of
Parallel Hemispheric Coils
Connected in Series

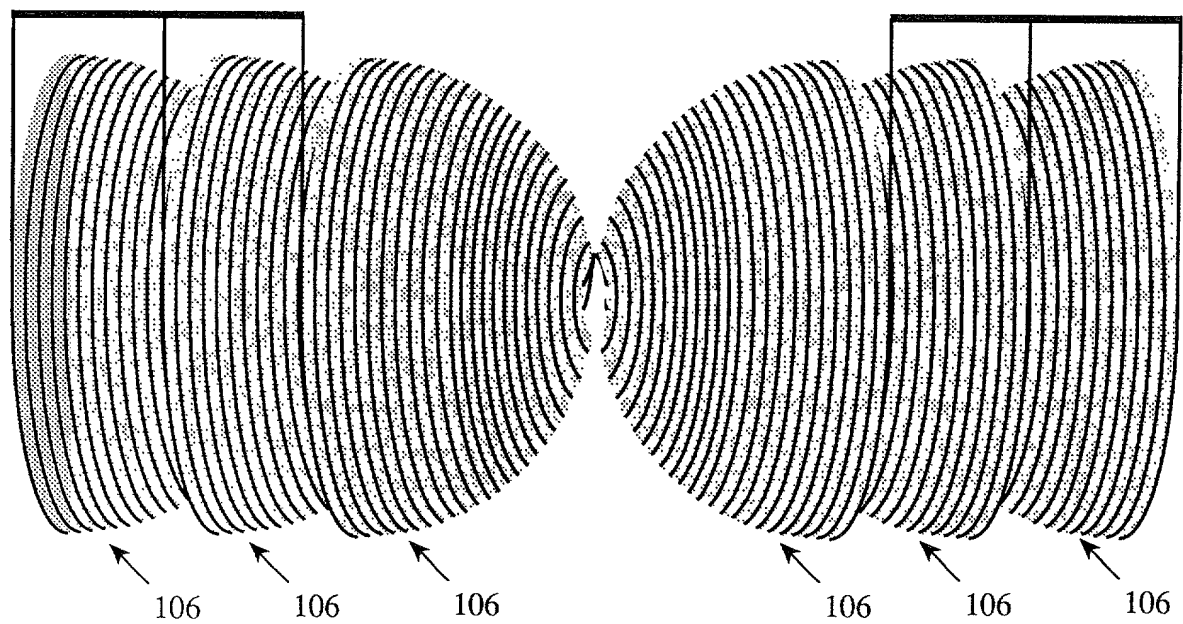


Figure 17

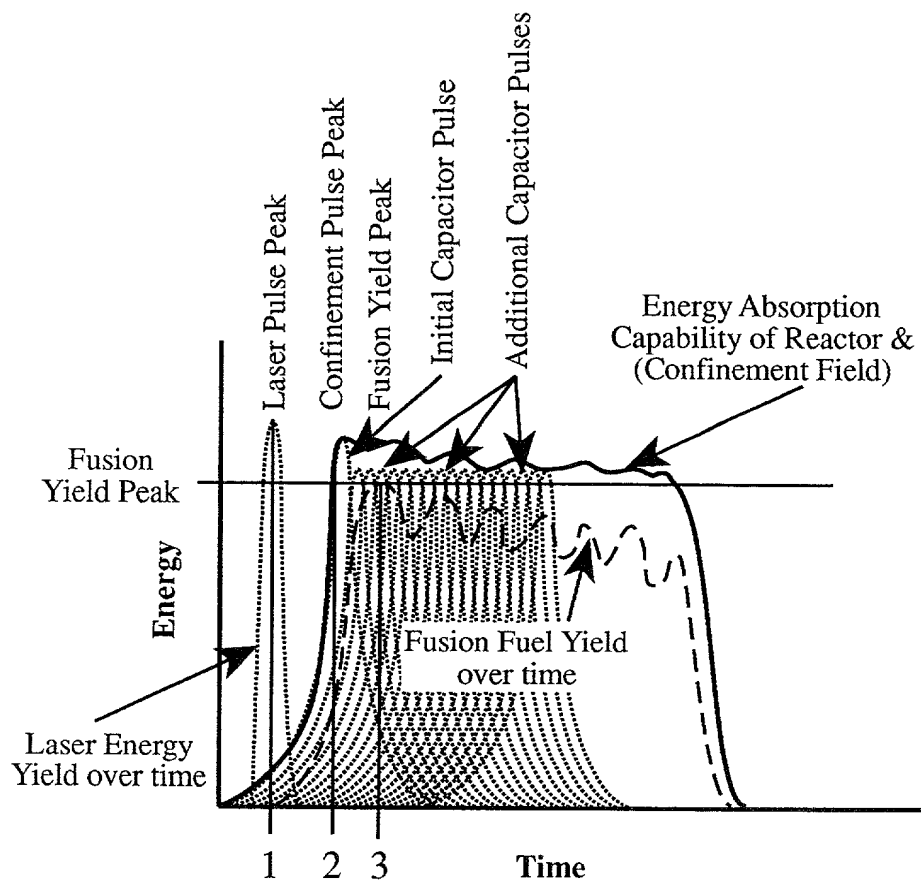


Figure 18

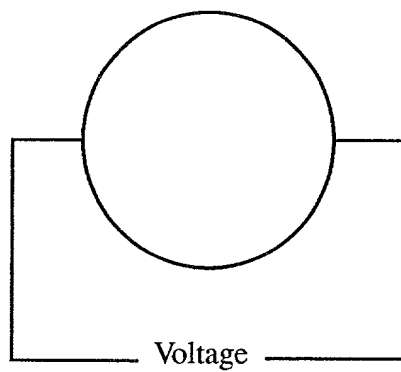


Figure 19

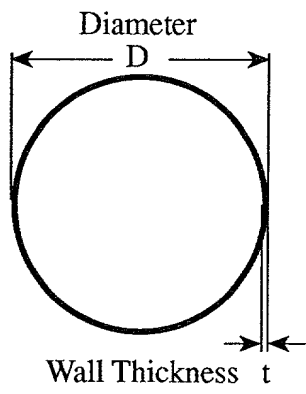


Figure 20

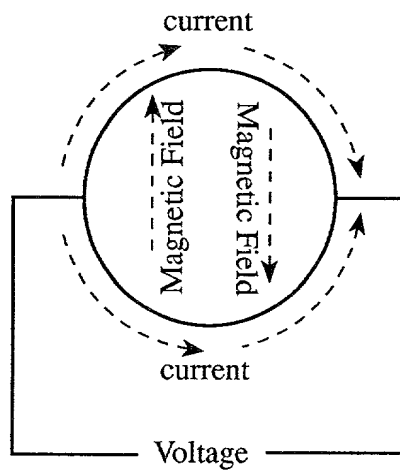


Figure 21

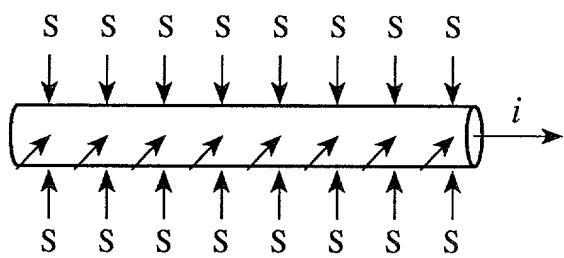


Figure 22

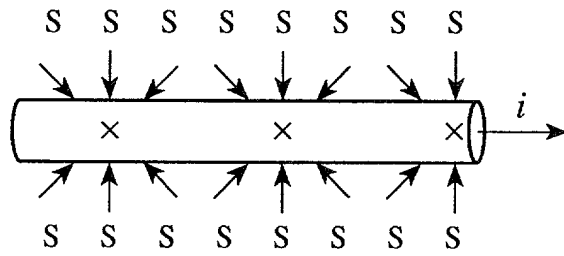
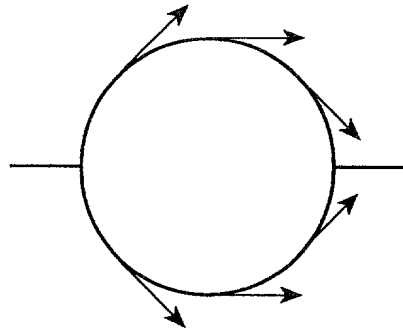
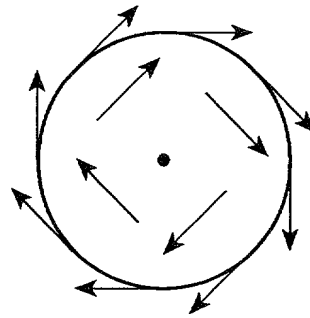


Figure 23



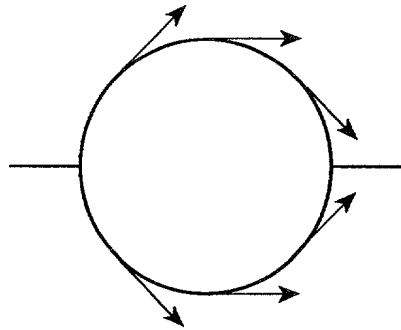
Side View of Core
Tangential Electrical Field



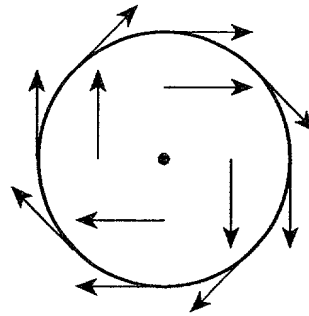
End View of Core
Tangential Magnetic Field

Figure 24(a)

Figure 24(b)



Side View of Core
Tangential Magnetic Field



End View of Core
Tangential Electrical Field

Figure 25(a)

Figure 25(b)

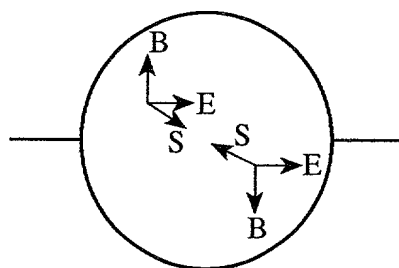


Figure 26

Figure 26 is a diagram of a circle with two horizontal lines extending from its left and right sides. Inside the circle, there are two sets of vectors. The upper set consists of three vectors labeled B, E, and S. Vector B points upwards and to the left, vector E points upwards and to the right, and vector S points downwards and to the left. The lower set consists of three vectors labeled S, E, and B. Vector S points downwards and to the left, vector E points downwards and to the right, and vector B points downwards and to the left.

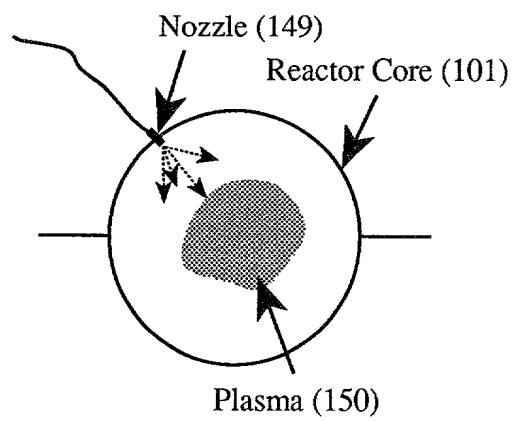


Figure 28

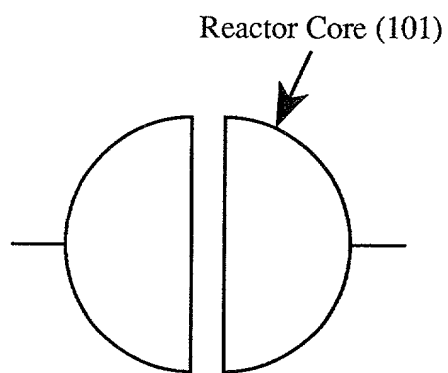


Figure 29(a)

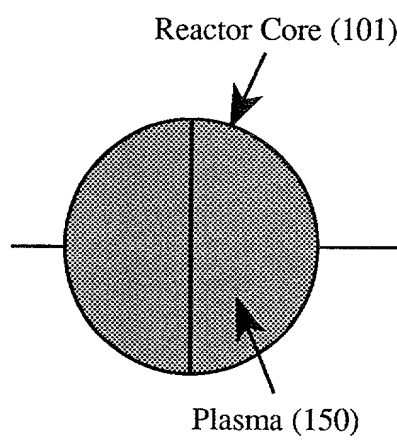


Figure 29(b)

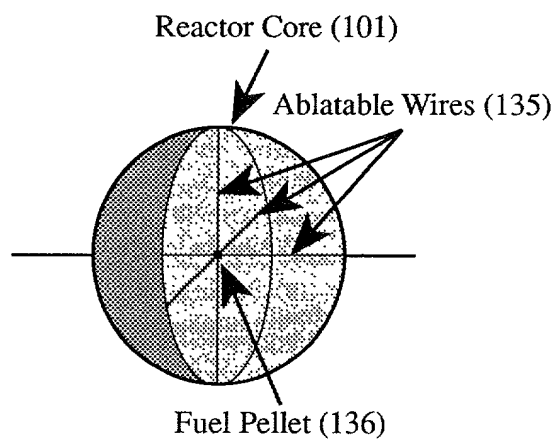


Figure 30

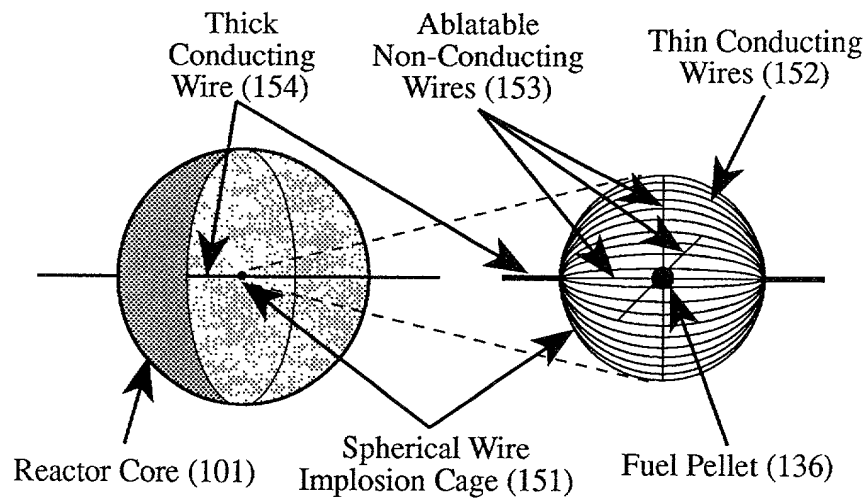


Figure 31

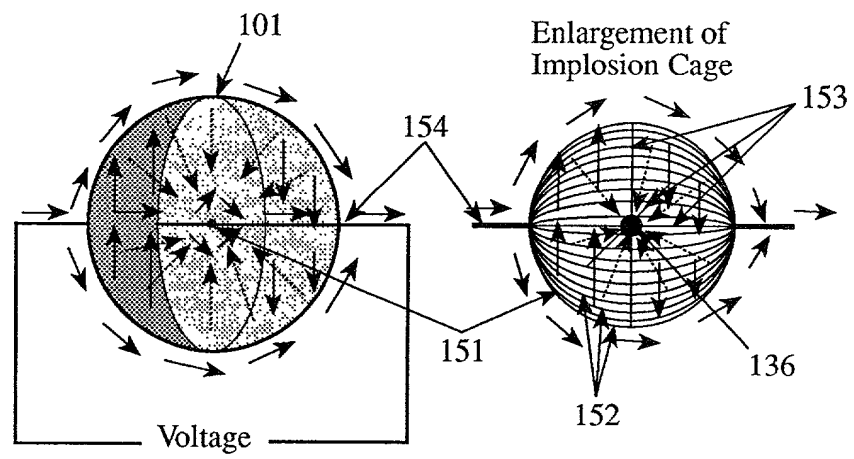


Figure 32

Enlargement of
Implosion Cage
(Designed for Magnetic
Mode operation)

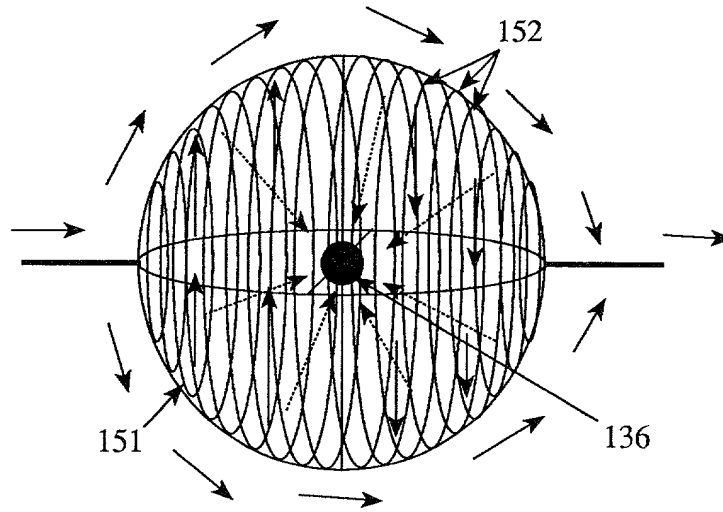
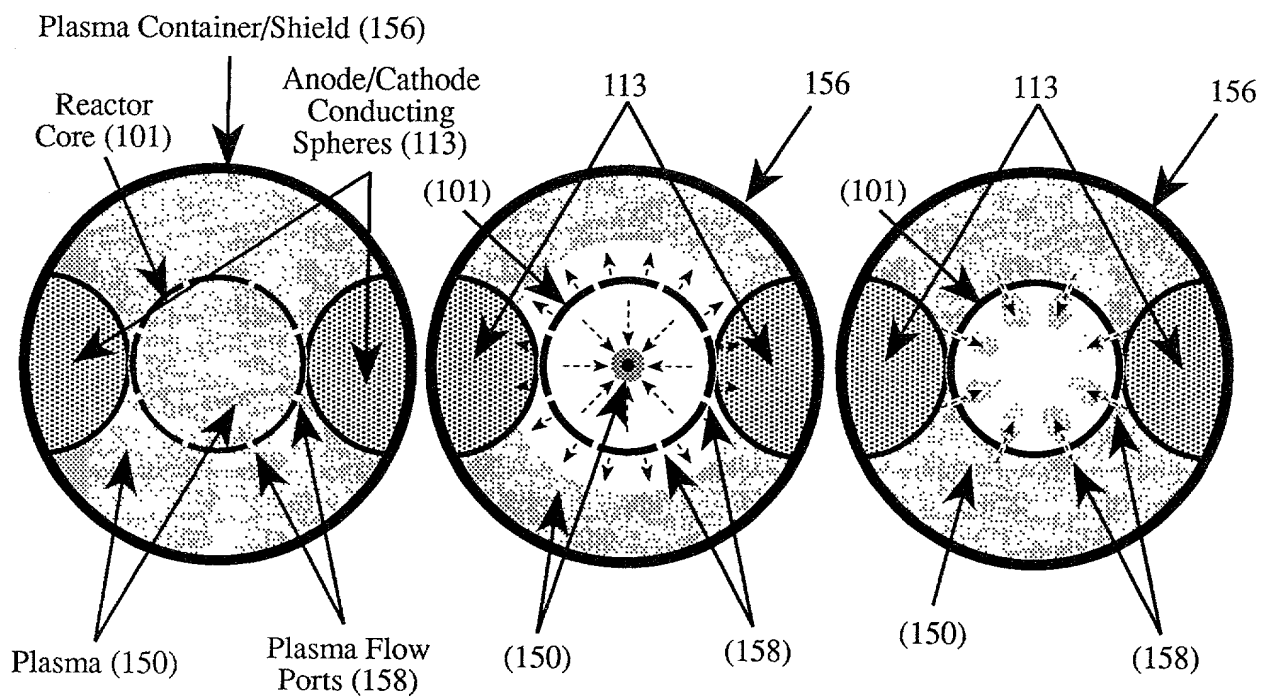


Figure 33



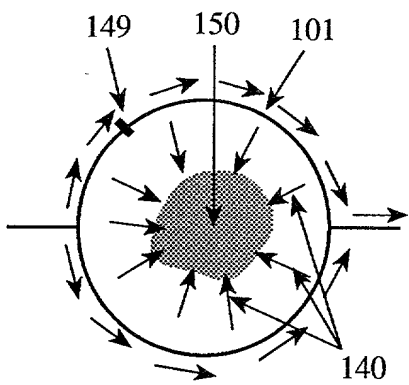


Figure 35

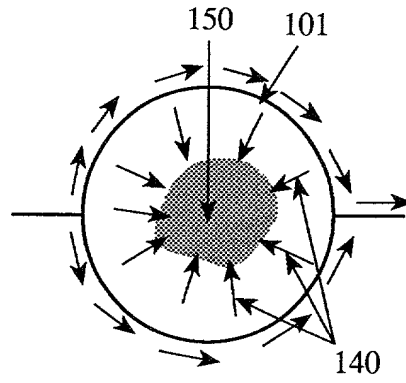


Figure 36

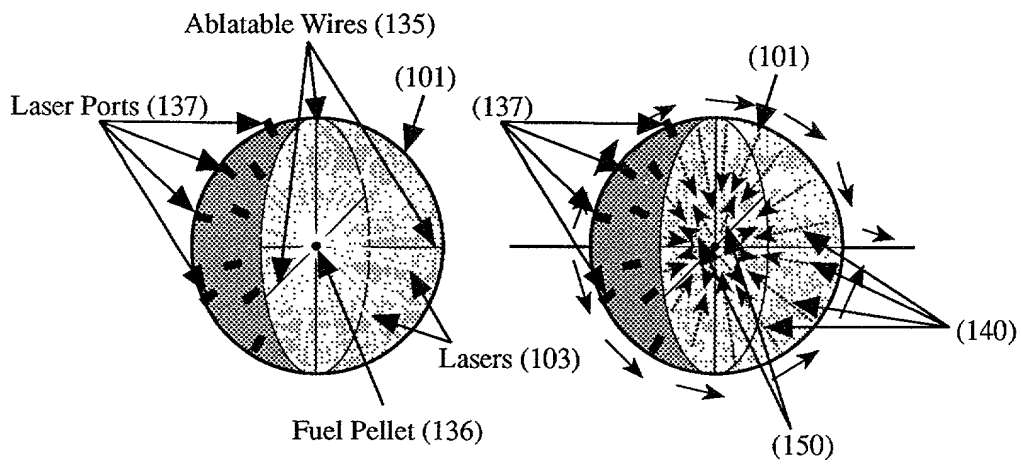


Figure 37(a)

Figure 37(b)

Figure 38(a)

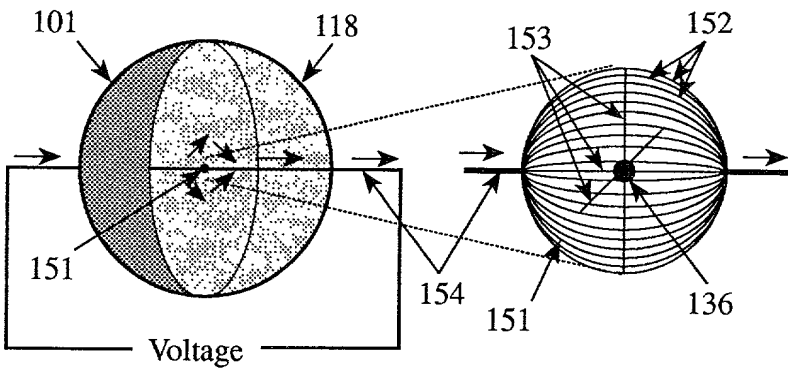


Figure 38(b)

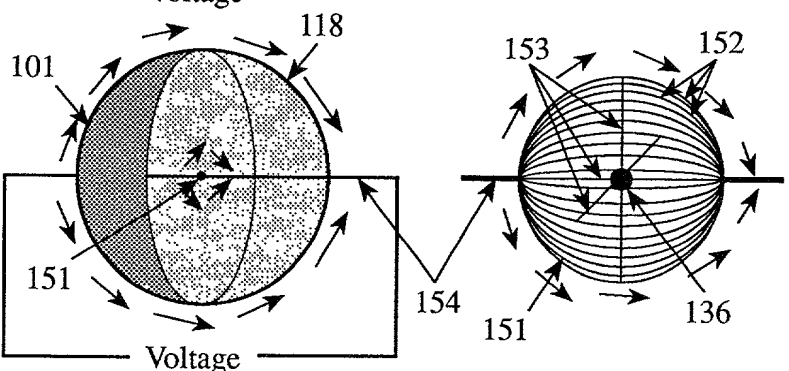


Figure 38(c)

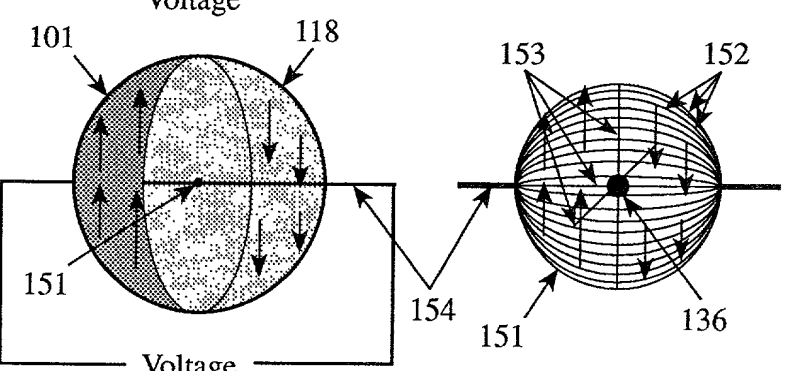
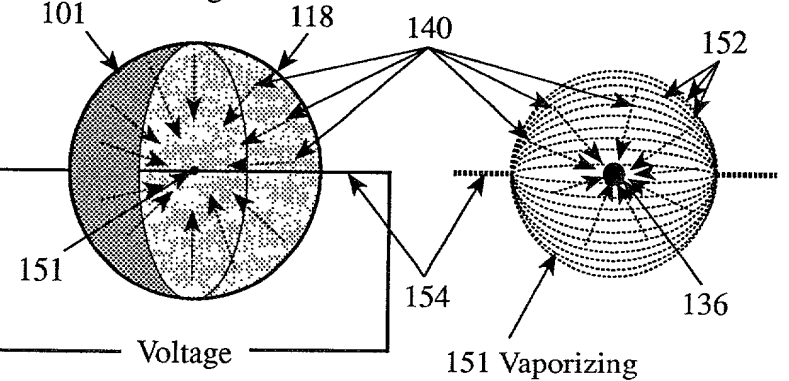
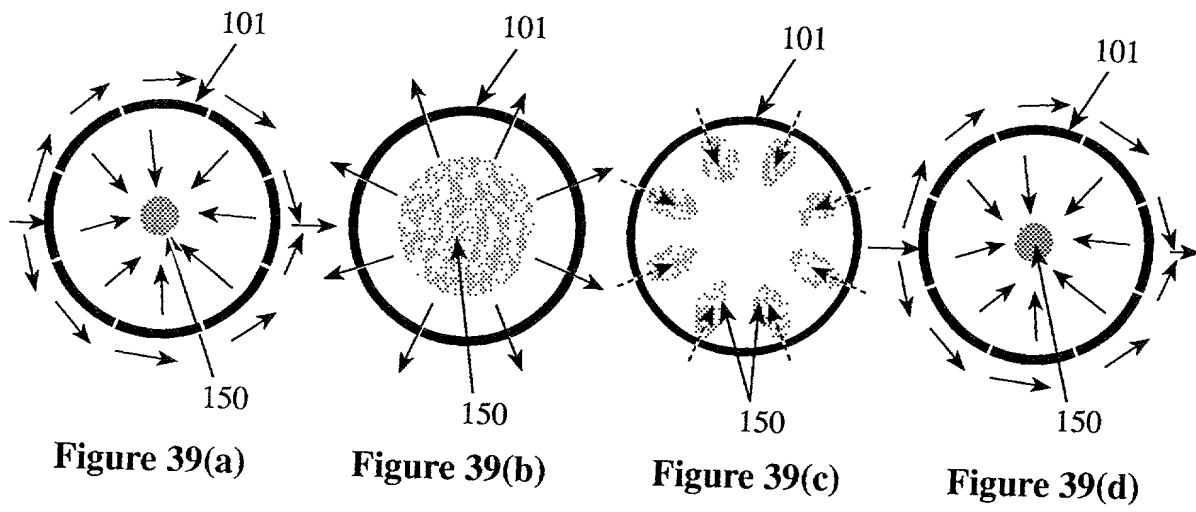


Figure 38(d)





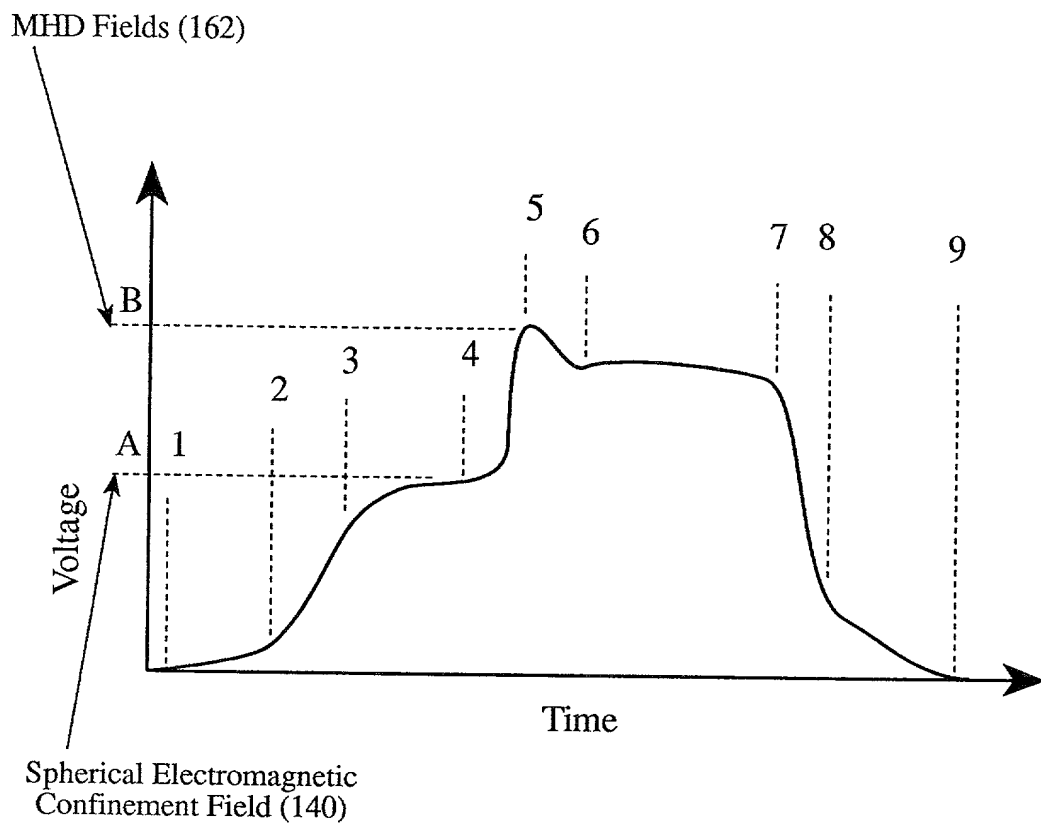


Figure 40

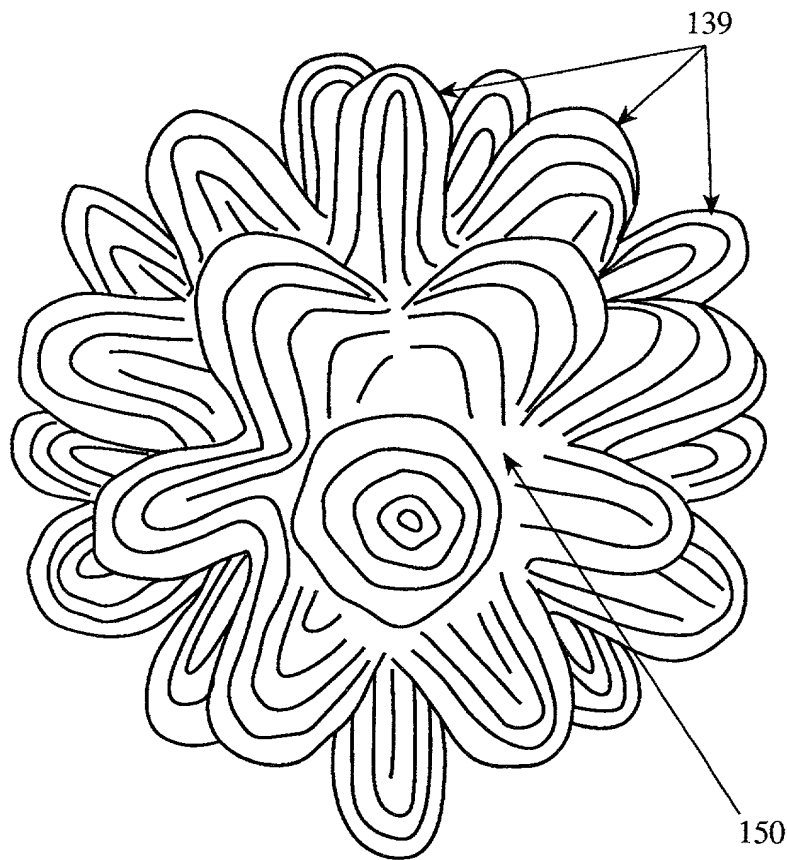


Figure 41

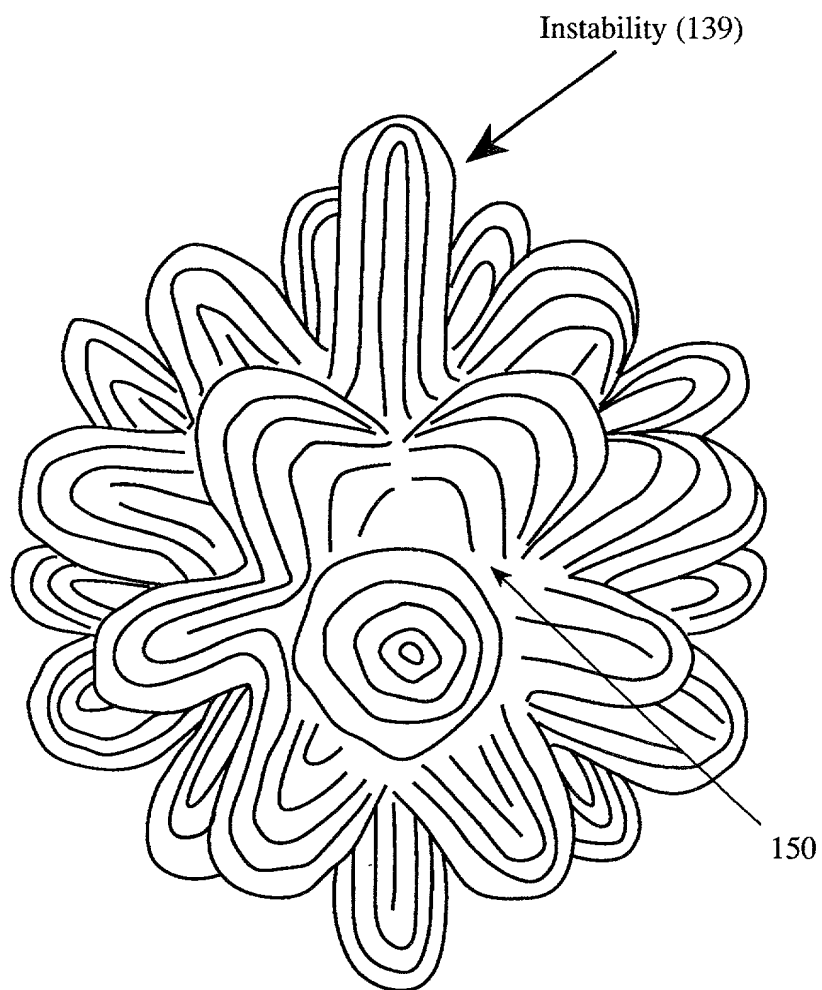


Figure 42

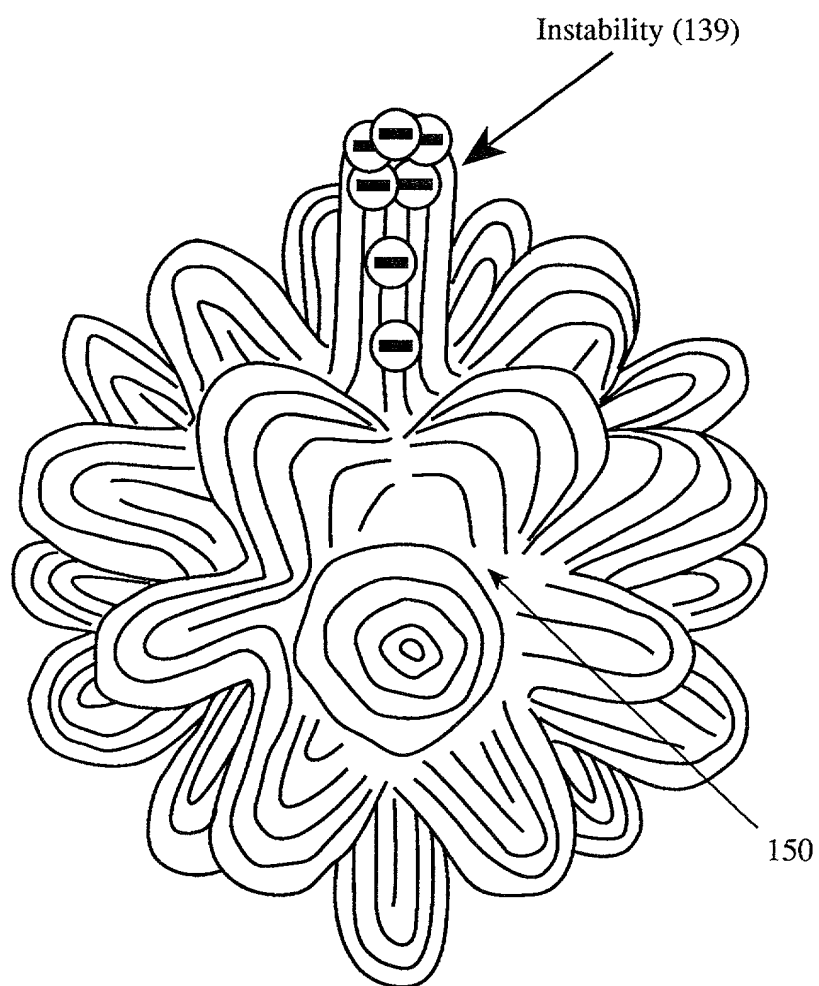


Figure 43

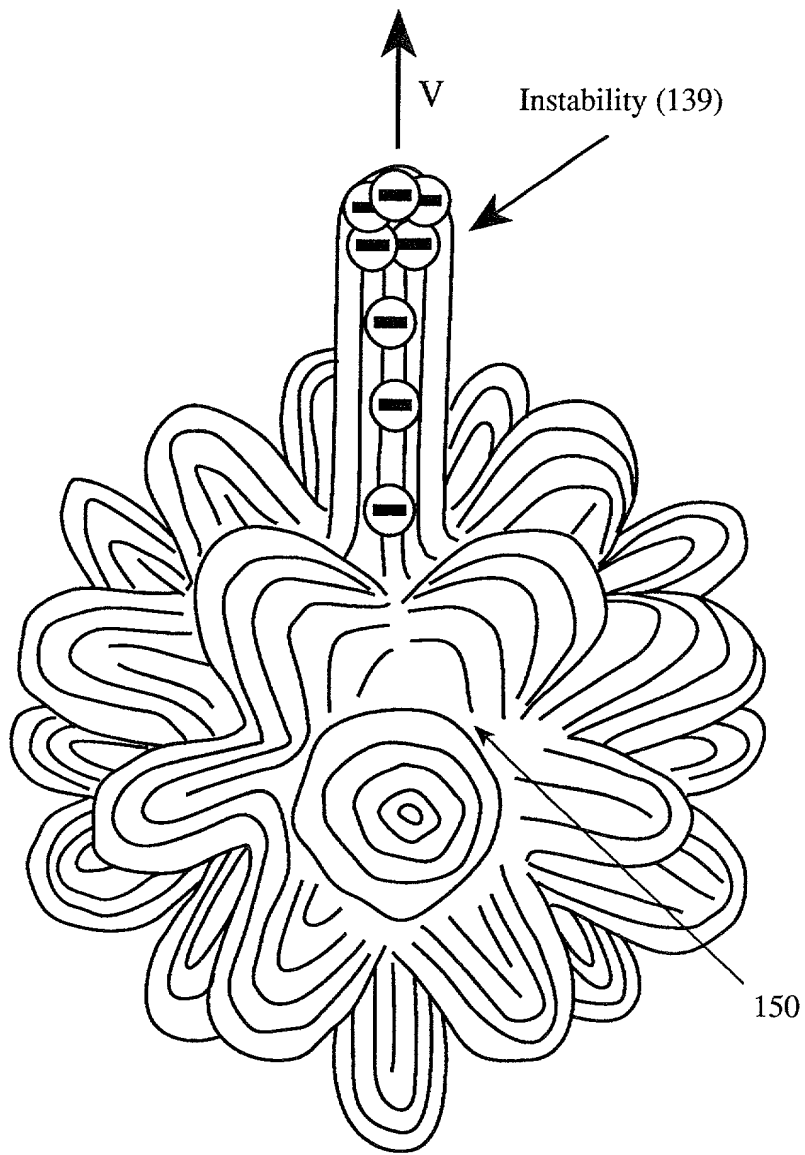


Figure 44

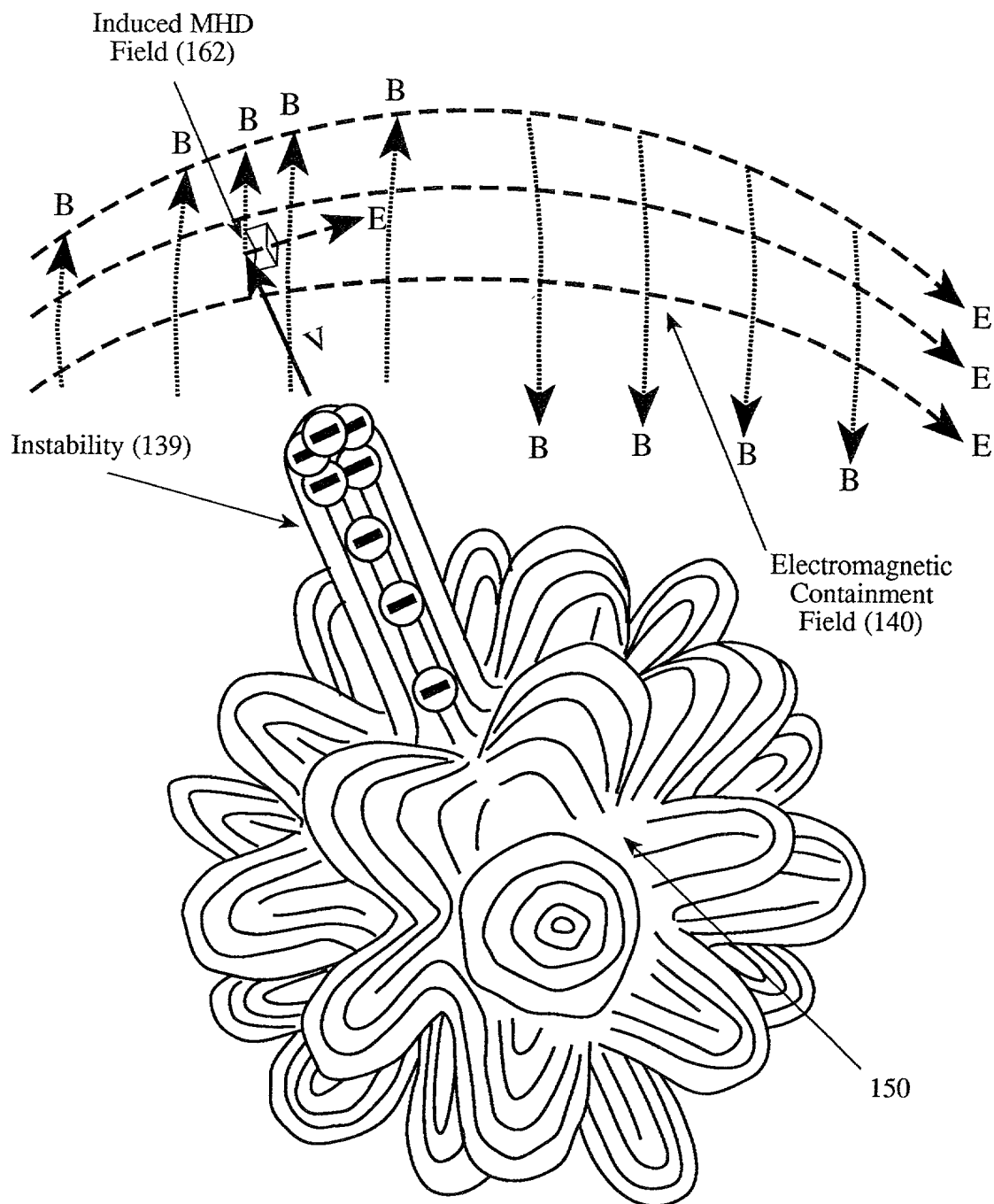


Figure 45

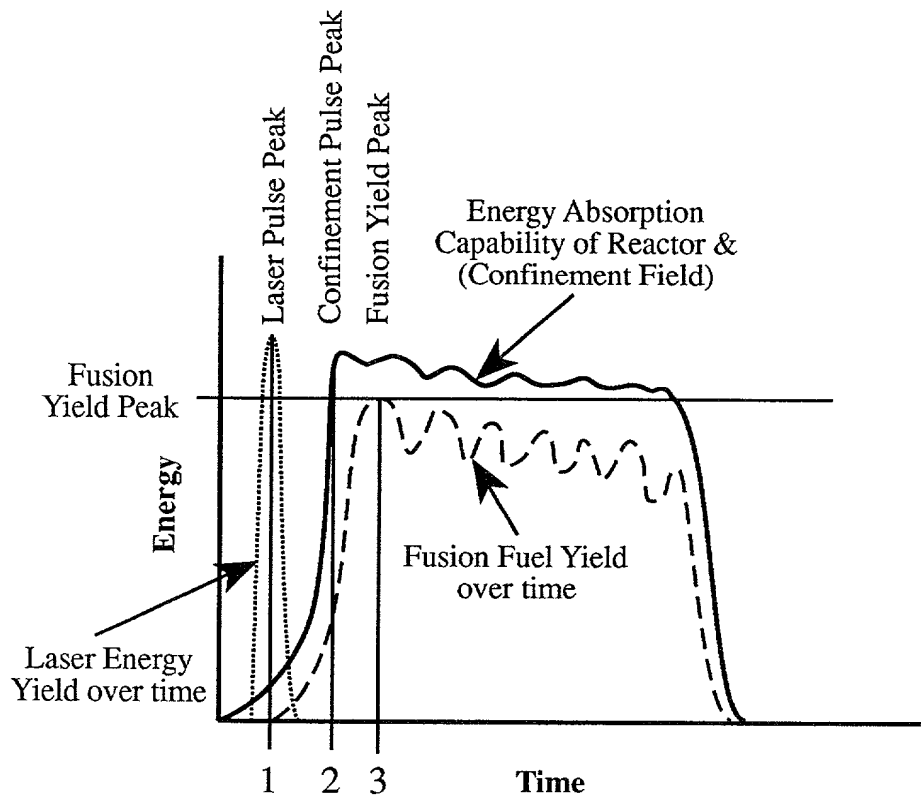


Figure 46

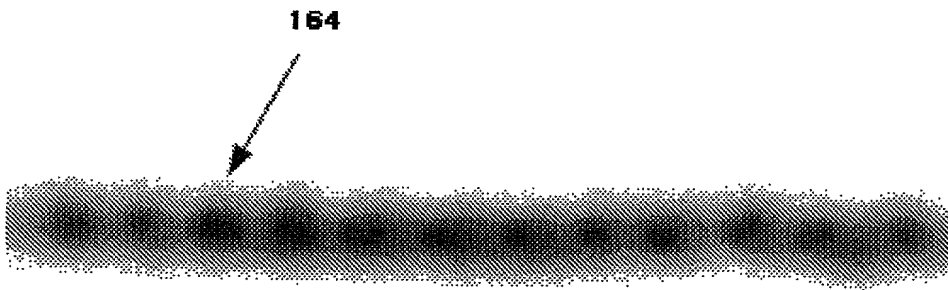


Figure 47

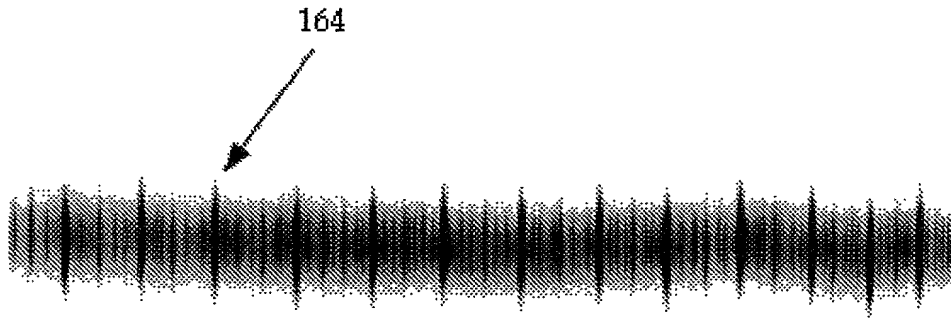


Figure 48

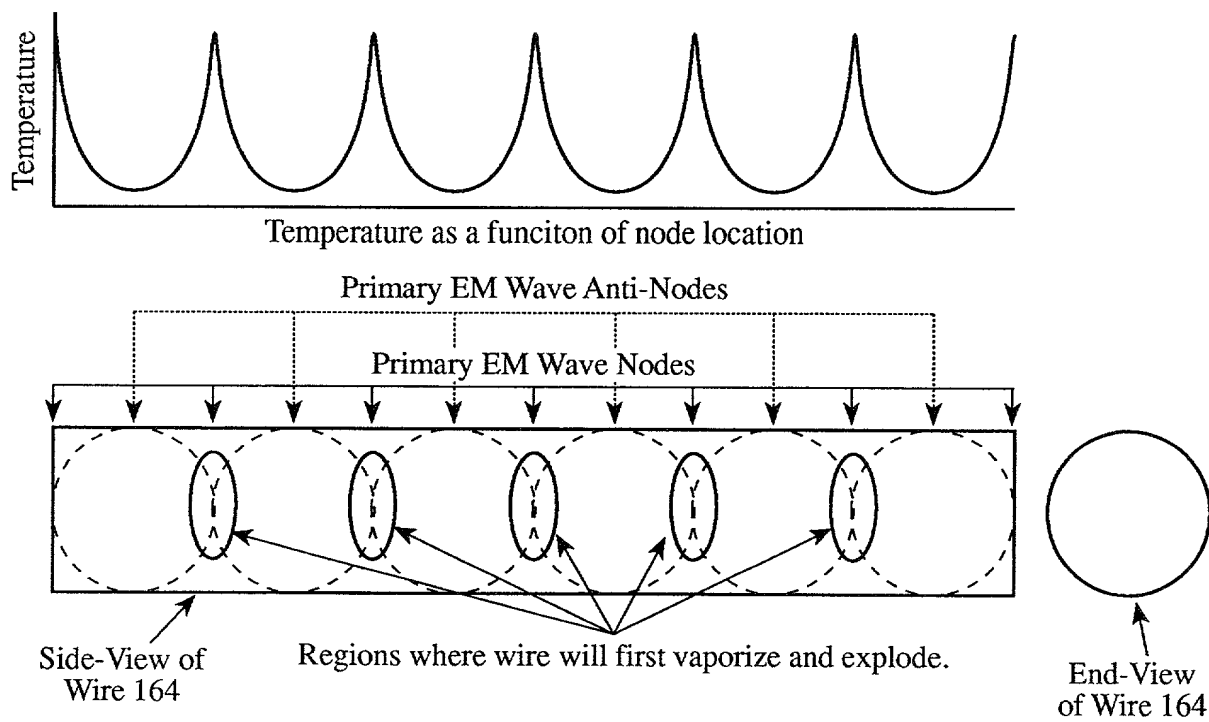


Figure 49

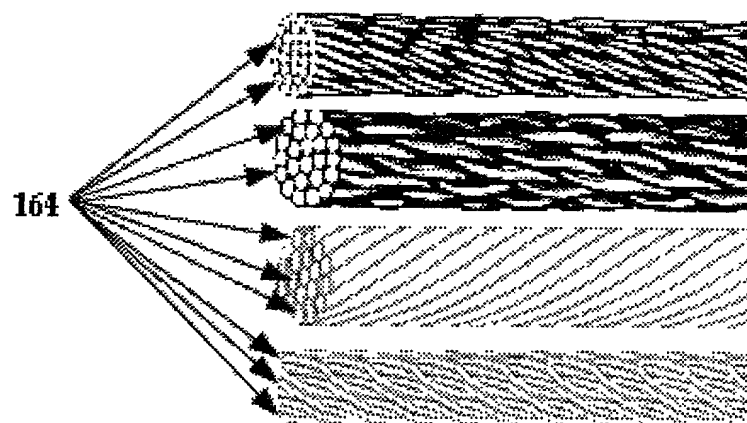


Figure 50

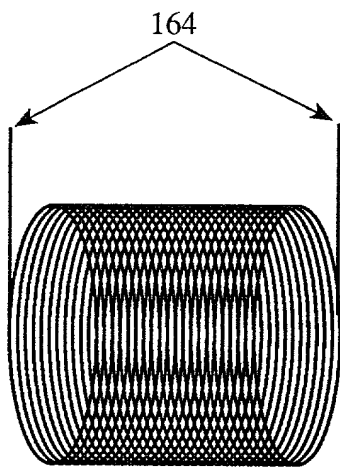


Figure 51(a)

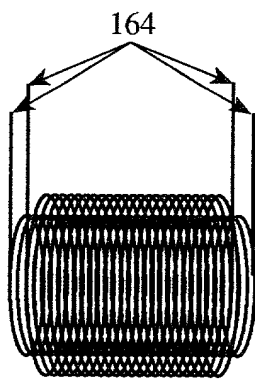


Figure 51(b)

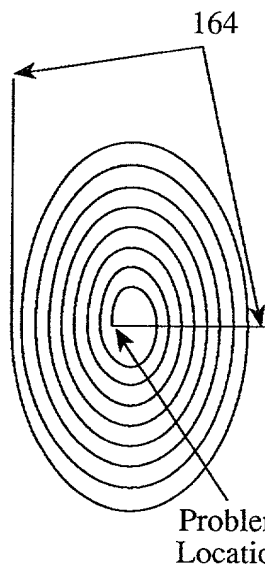


Figure 51(c)

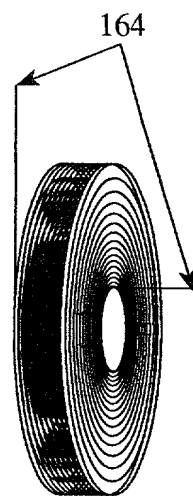


Figure 51(d)

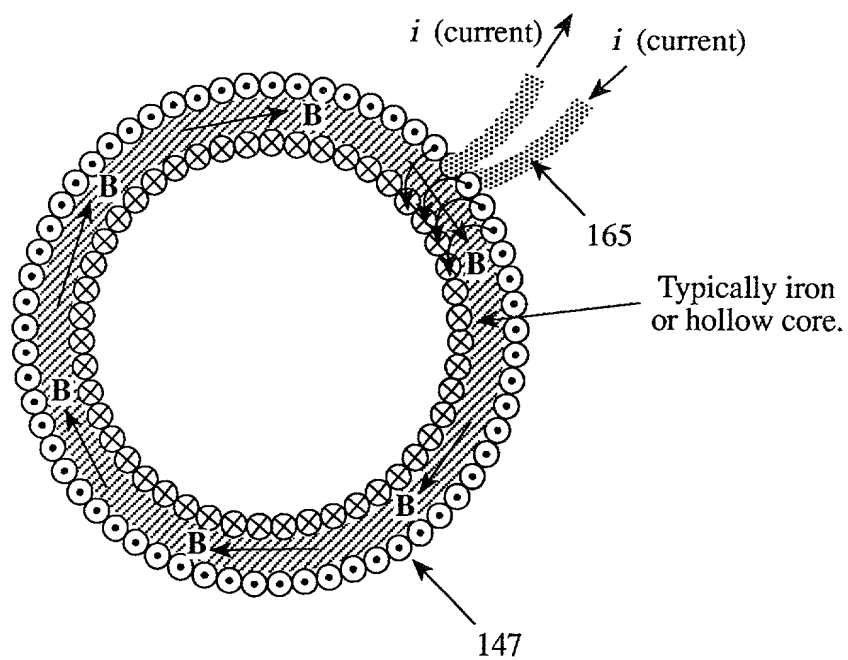
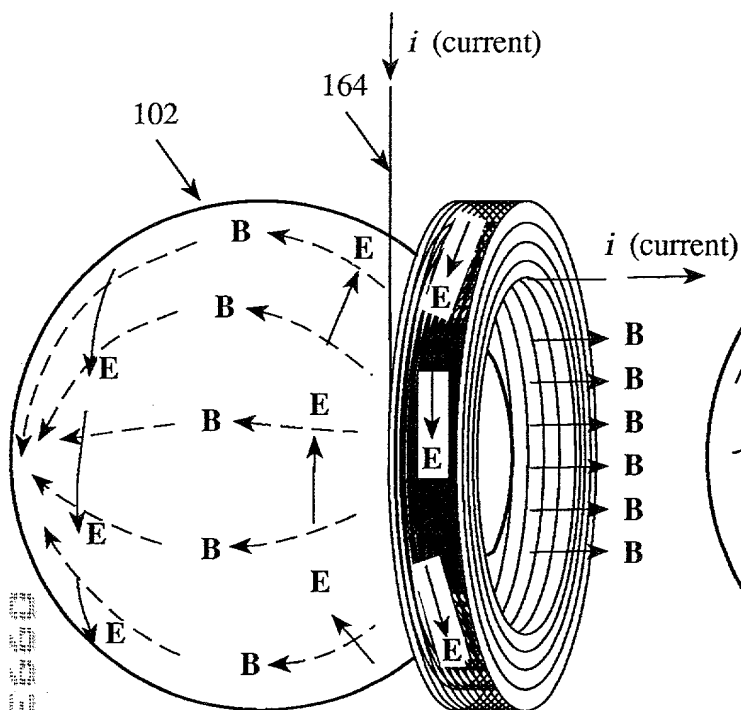
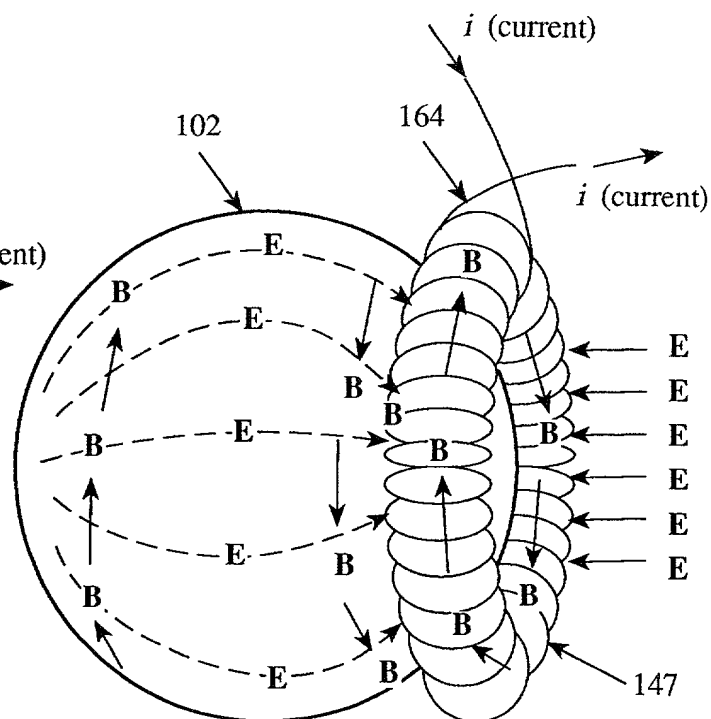


Figure 52



Interaction of
a normal coil's E & B fields with
a conducting sphere's E & B fields.

Figure 53(a)



Interaction of
a Rowland Ring coil's E & B fields with
a conducting sphere's E & B fields.

Figure 53(b)

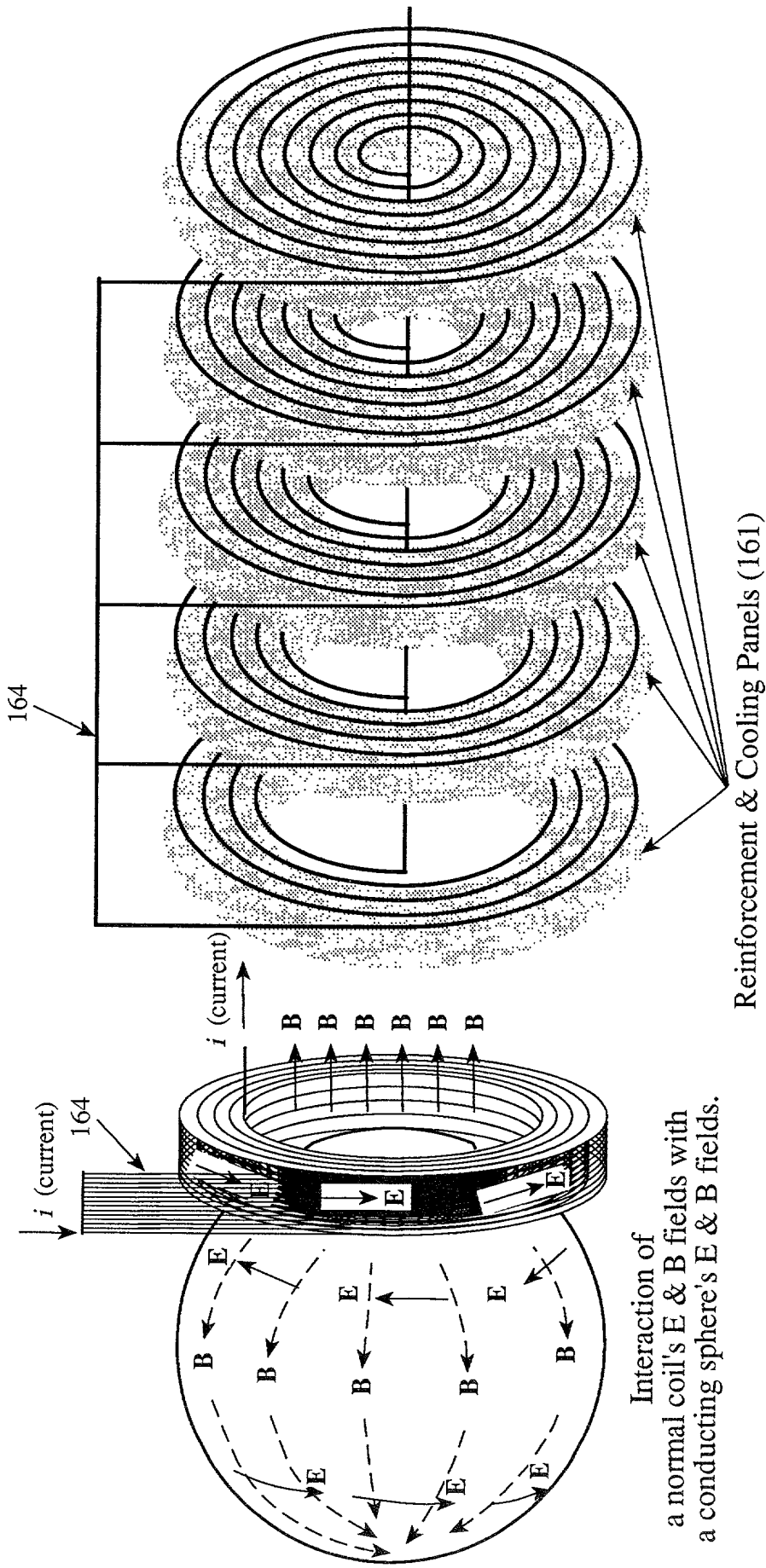


Figure 54(a)

Figure 54(b)

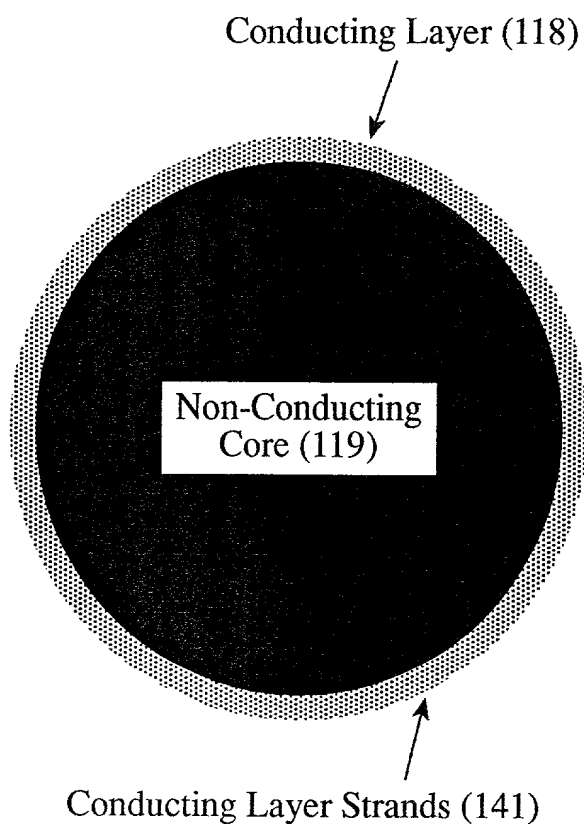


Figure 55(a)

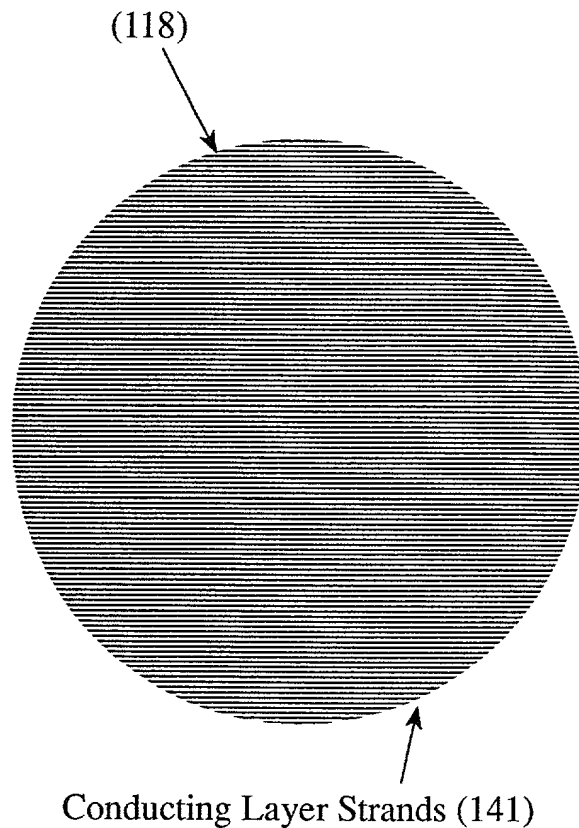


Figure 55(b)

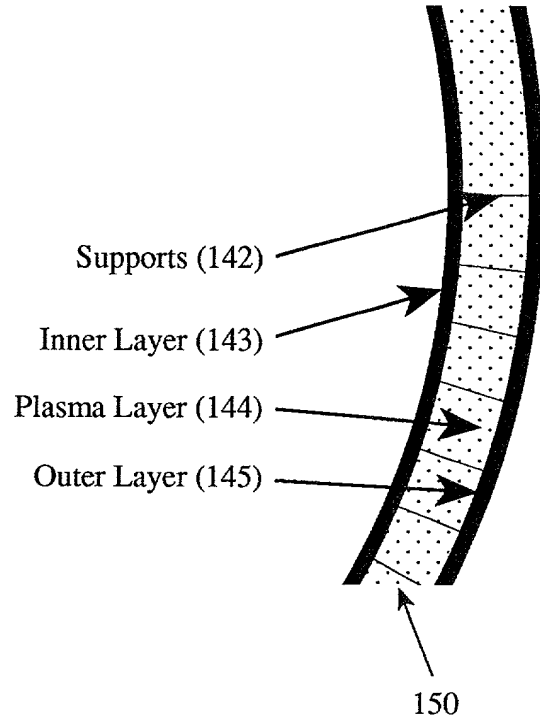


Figure 56

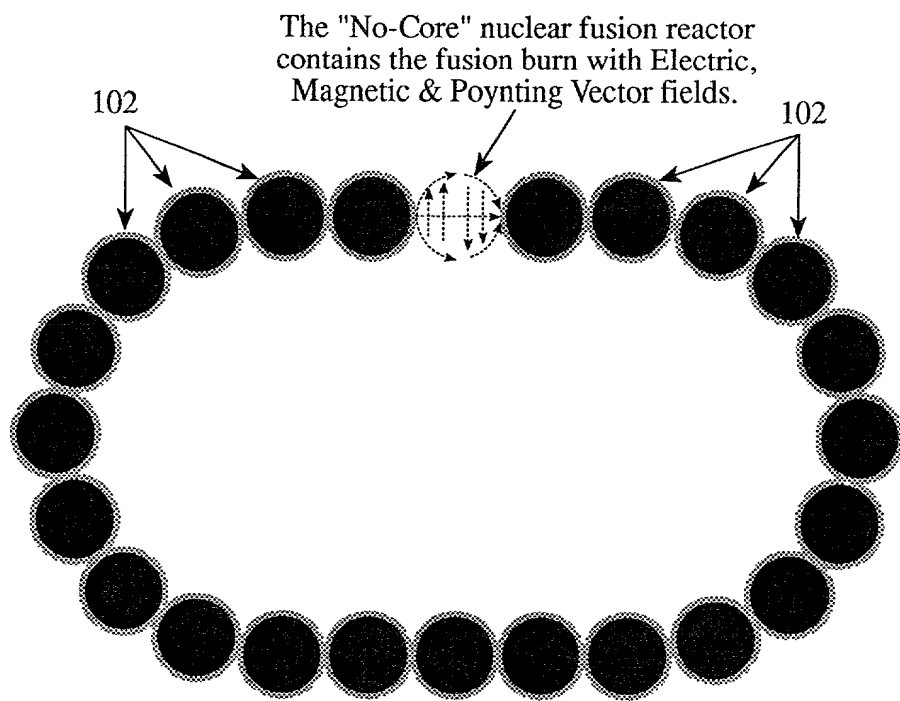


Figure 57

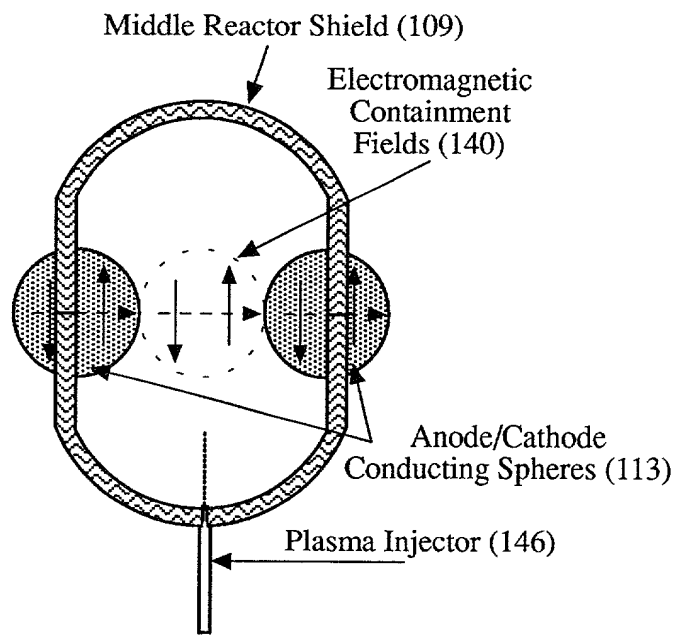


Figure 58

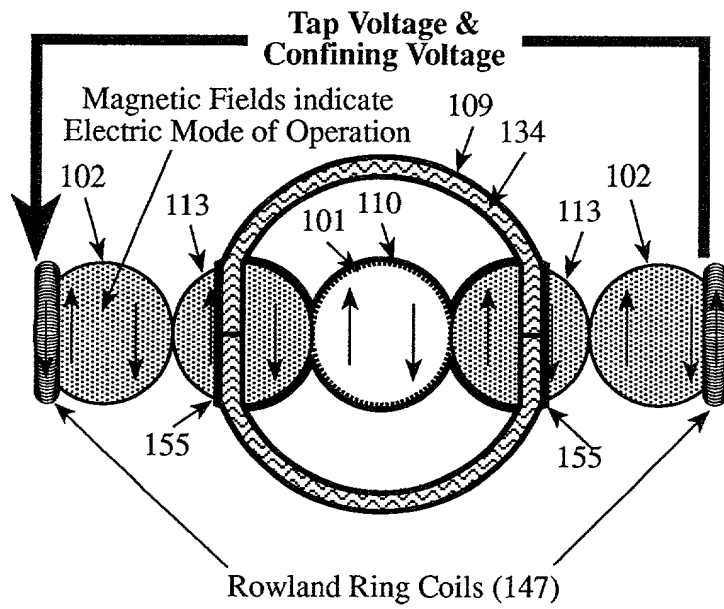


Figure 59

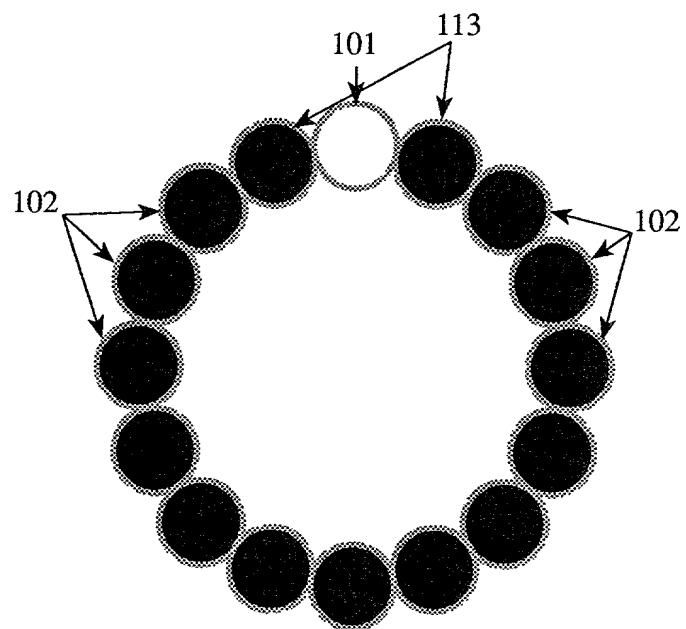


Figure 60

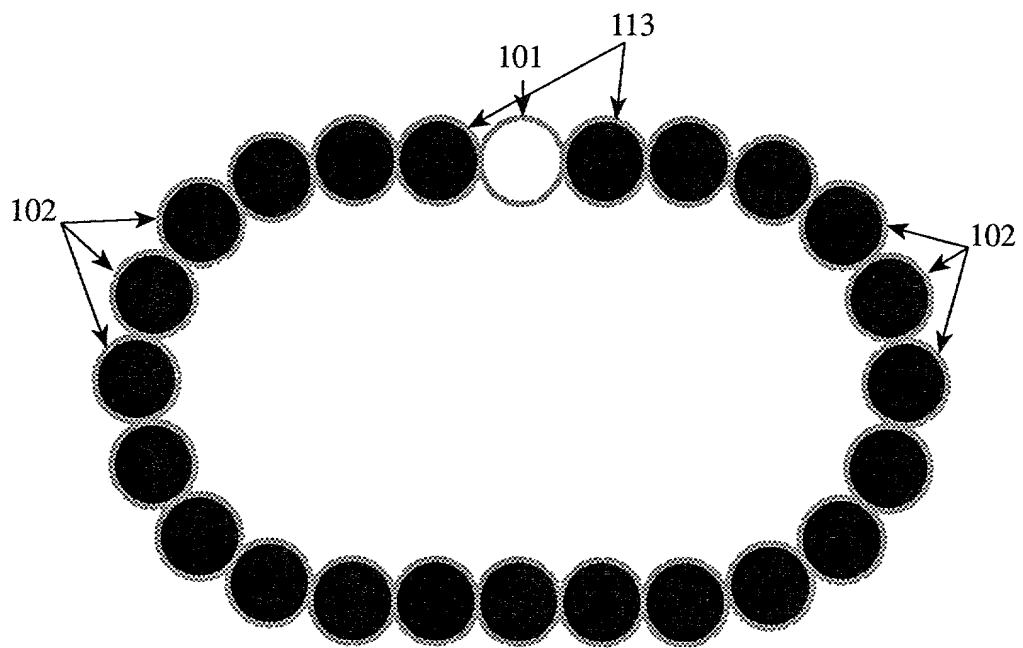


Figure 61

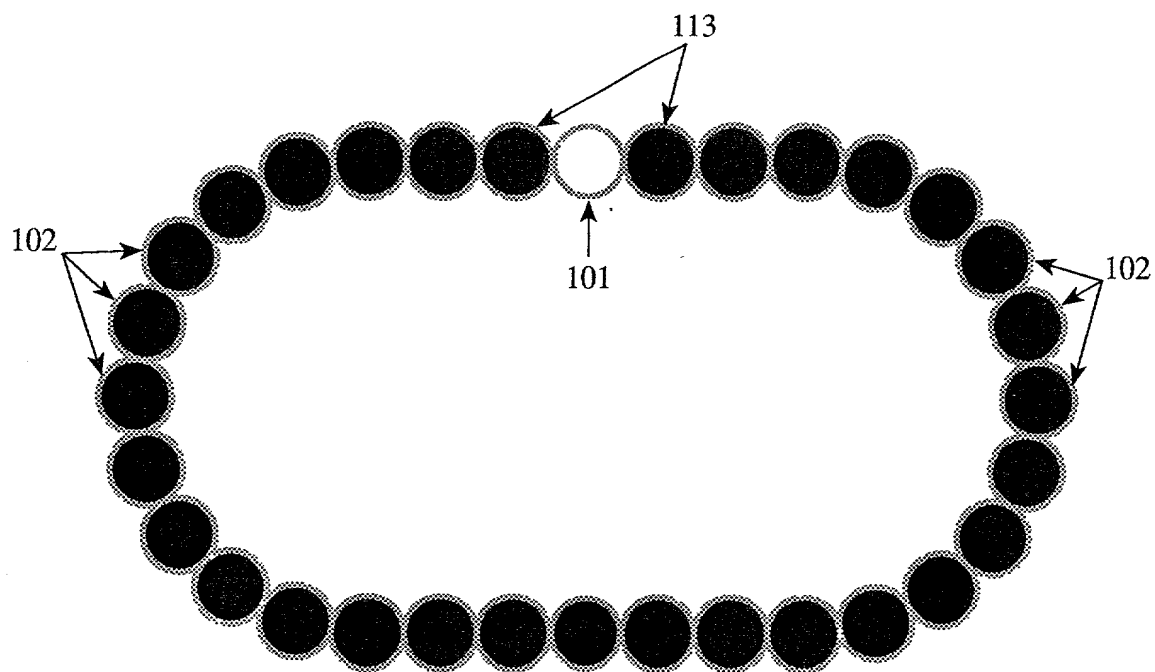


Figure 63

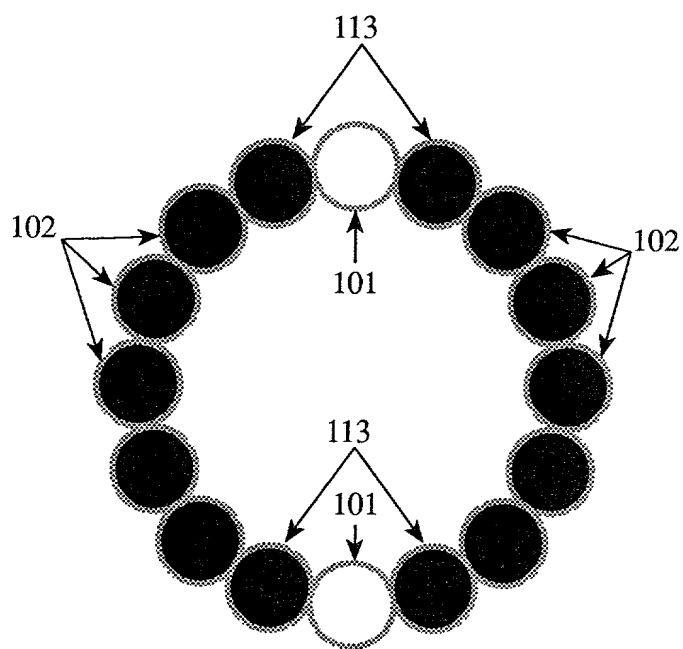


Figure 64

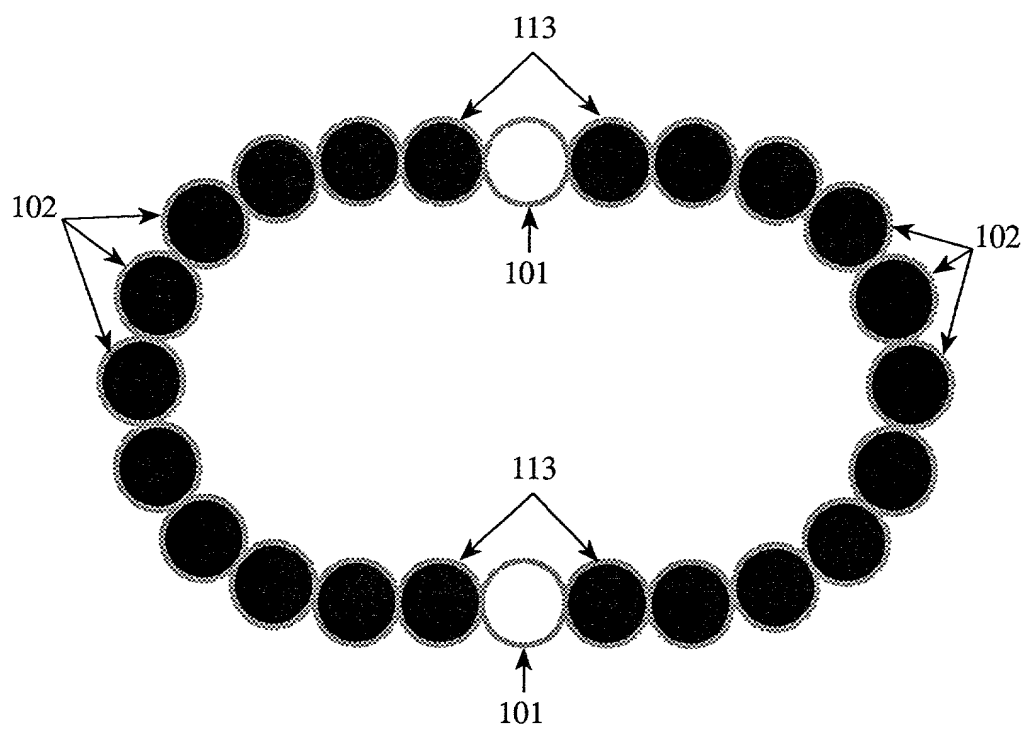


Figure 65

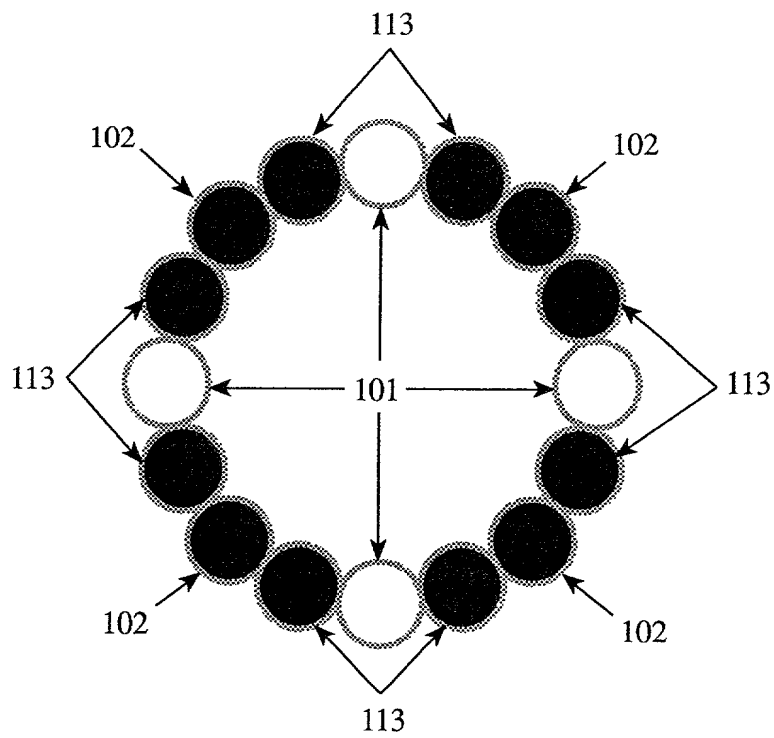


Figure 66

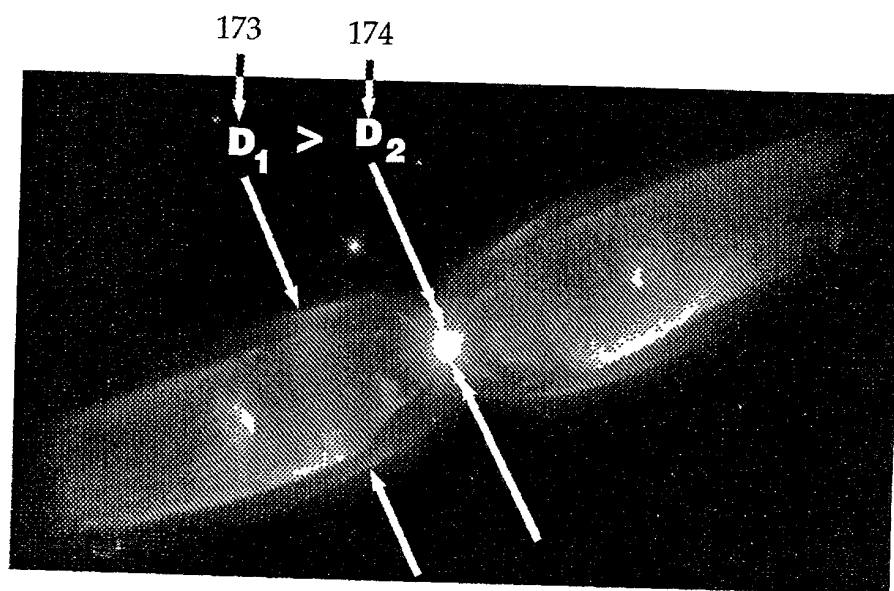
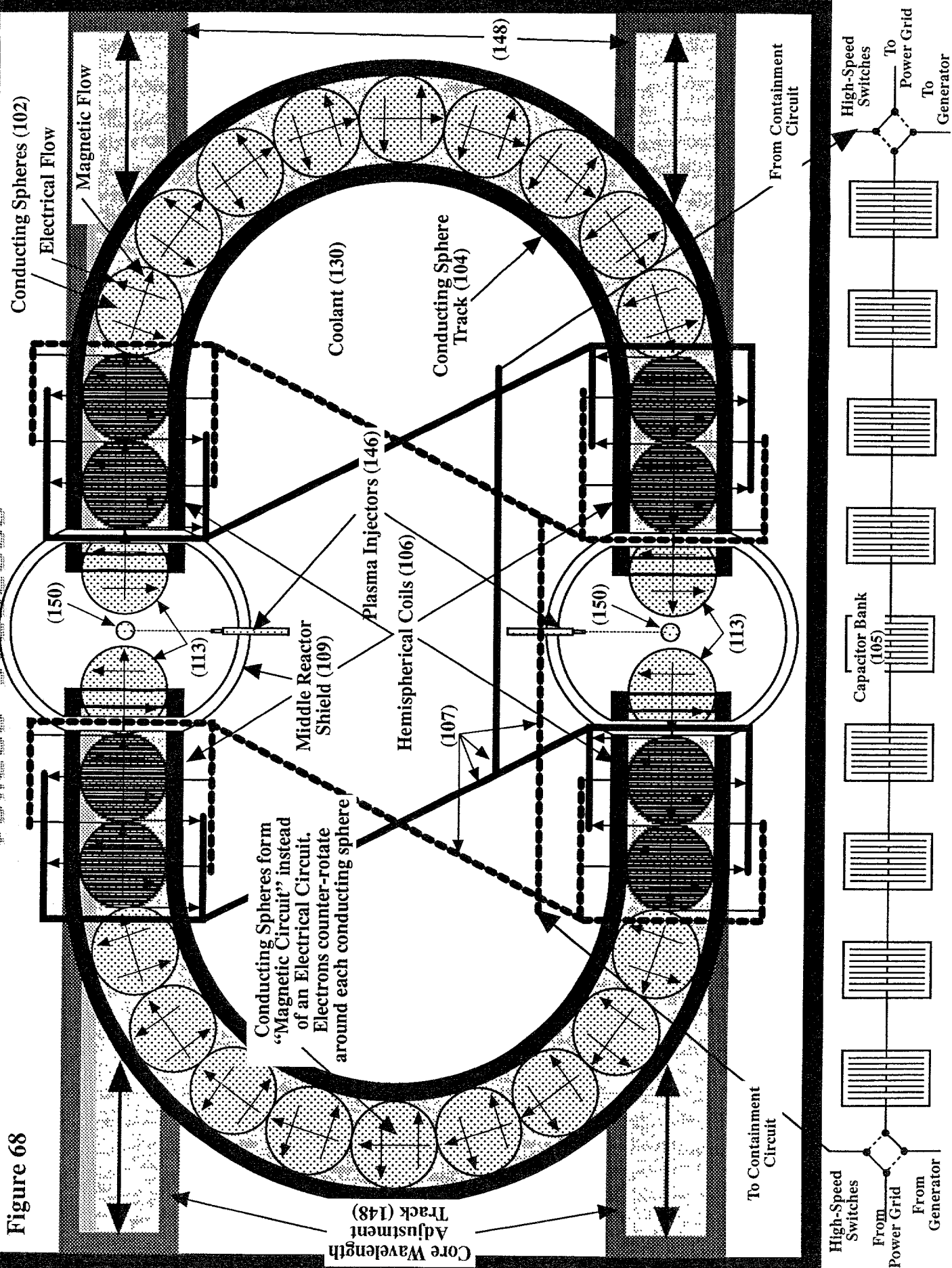


Figure 67

Figure 68



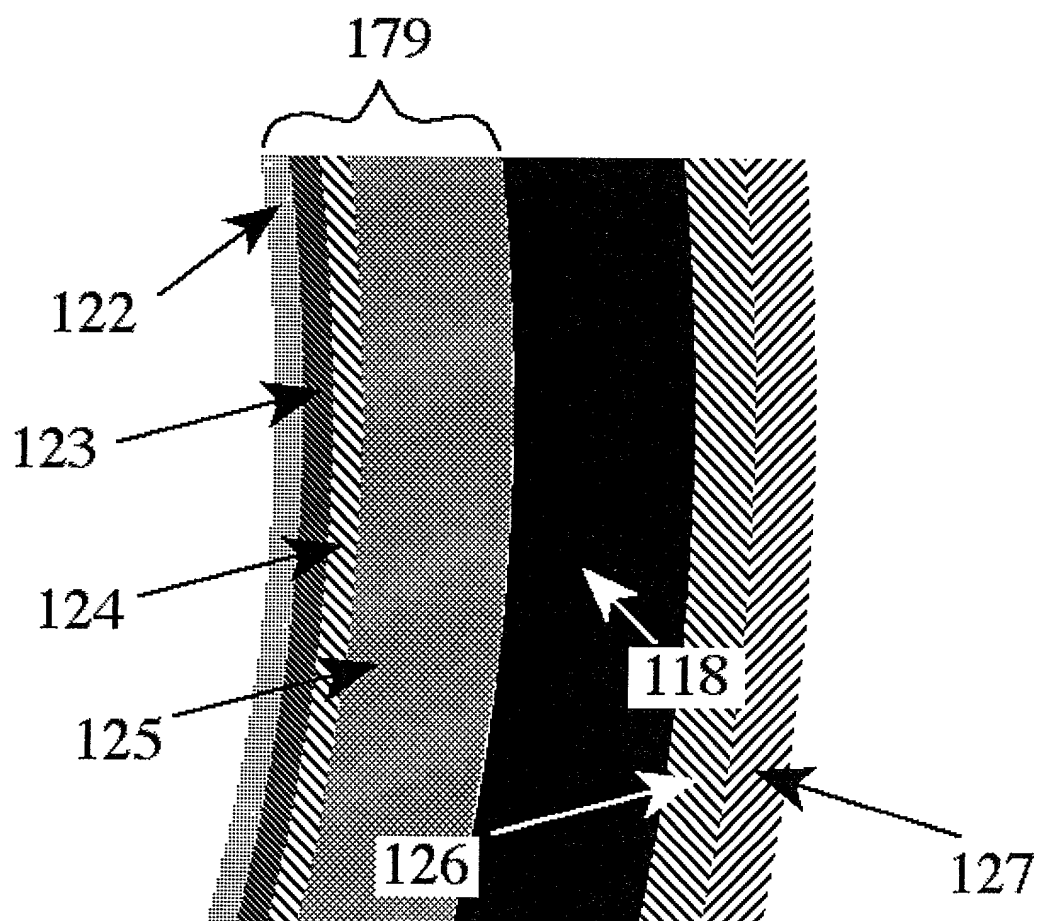


Figure 69

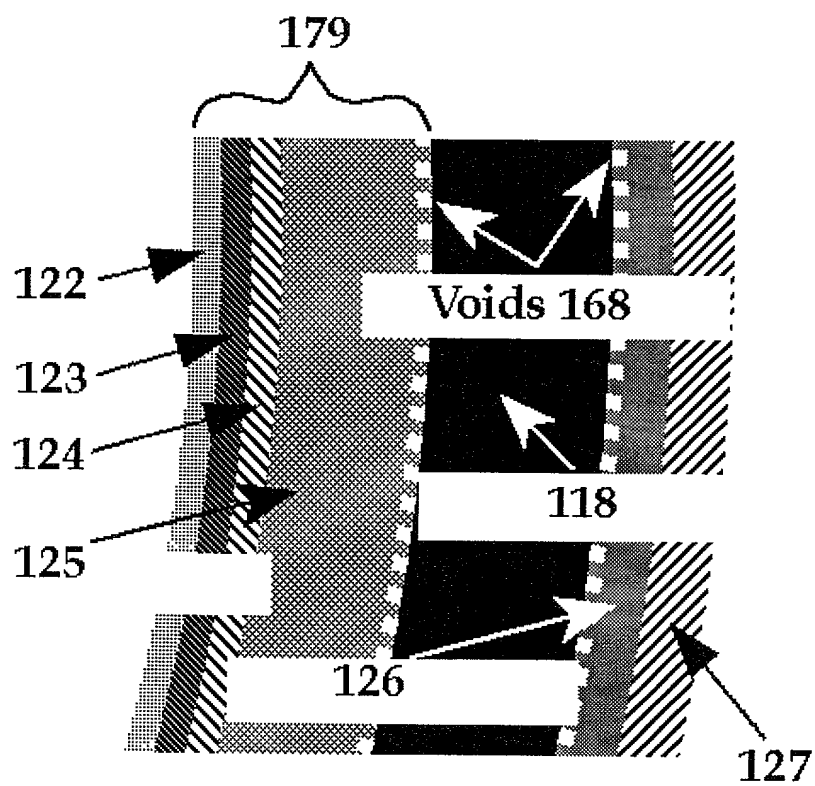


Figure 70

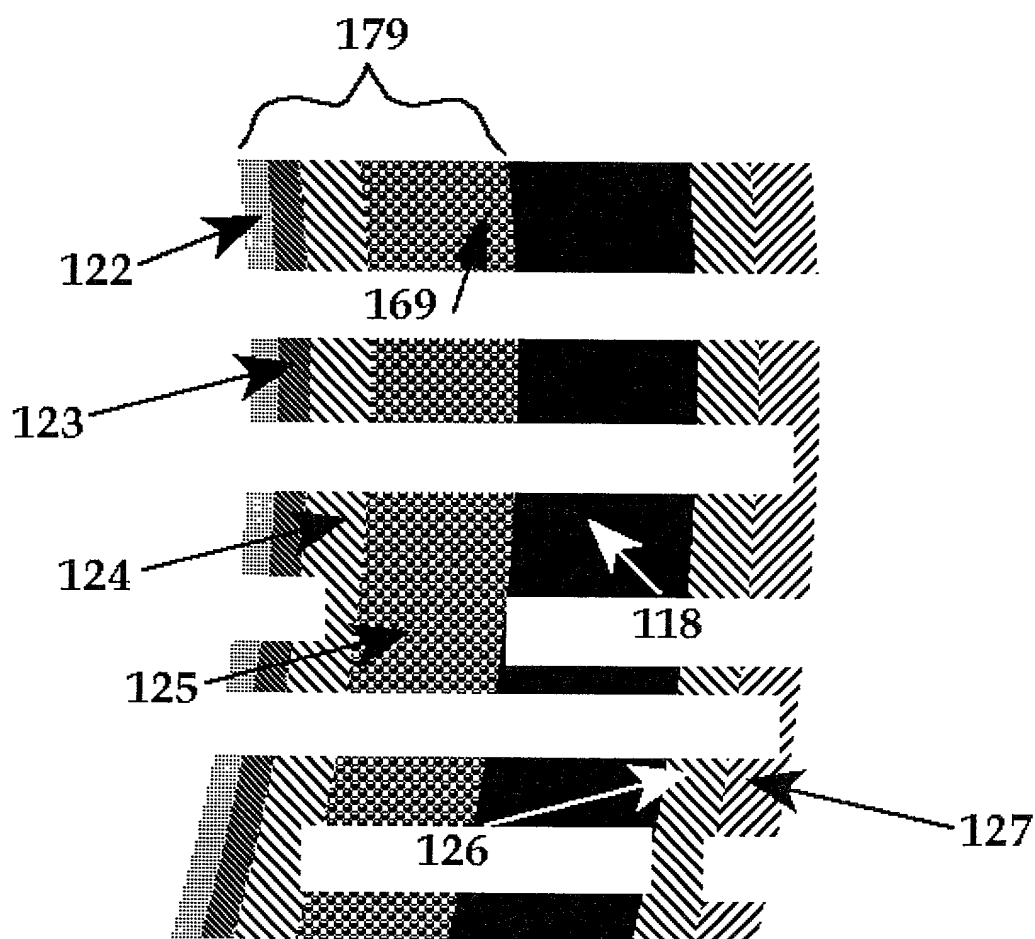


Figure 71

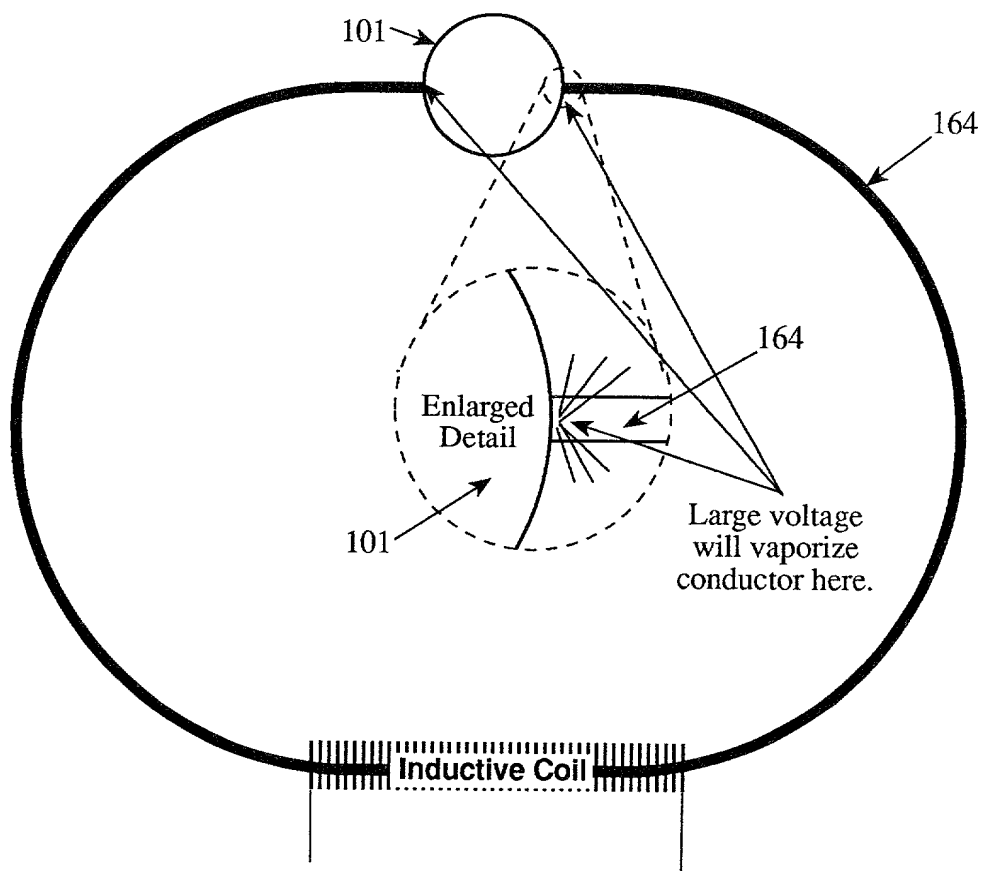


Figure 72

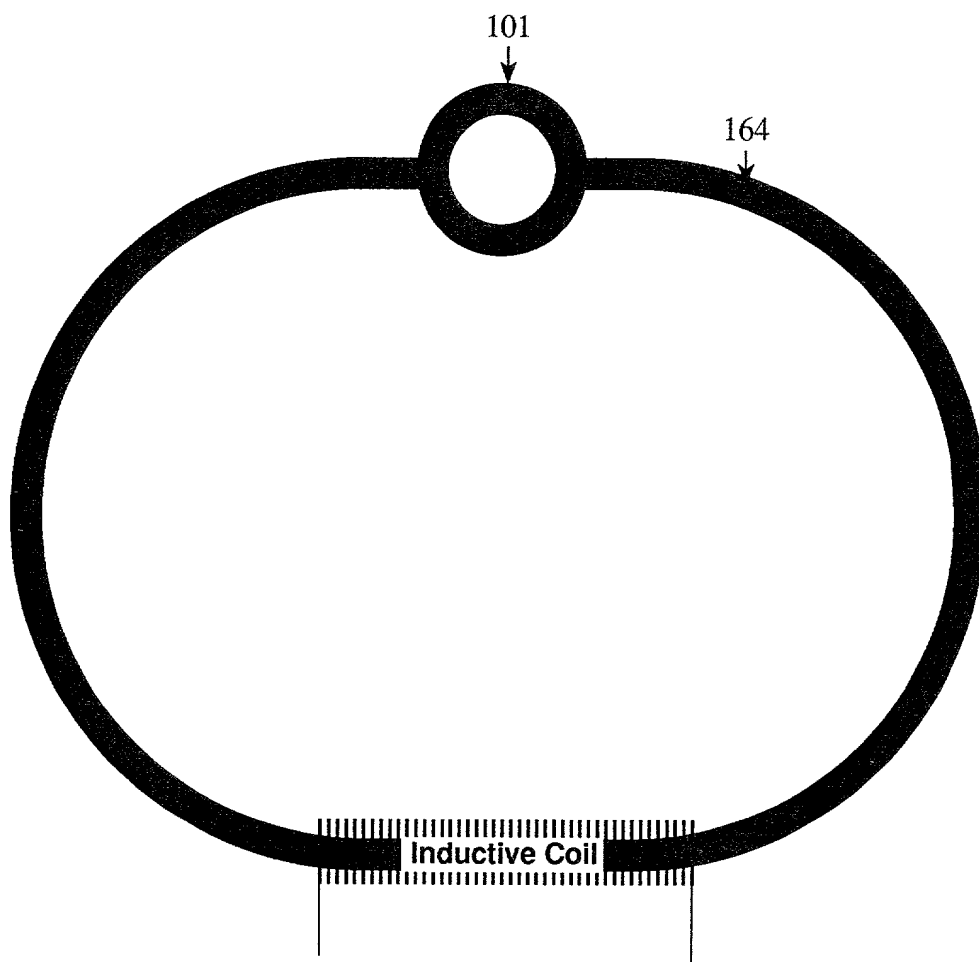


Figure 73

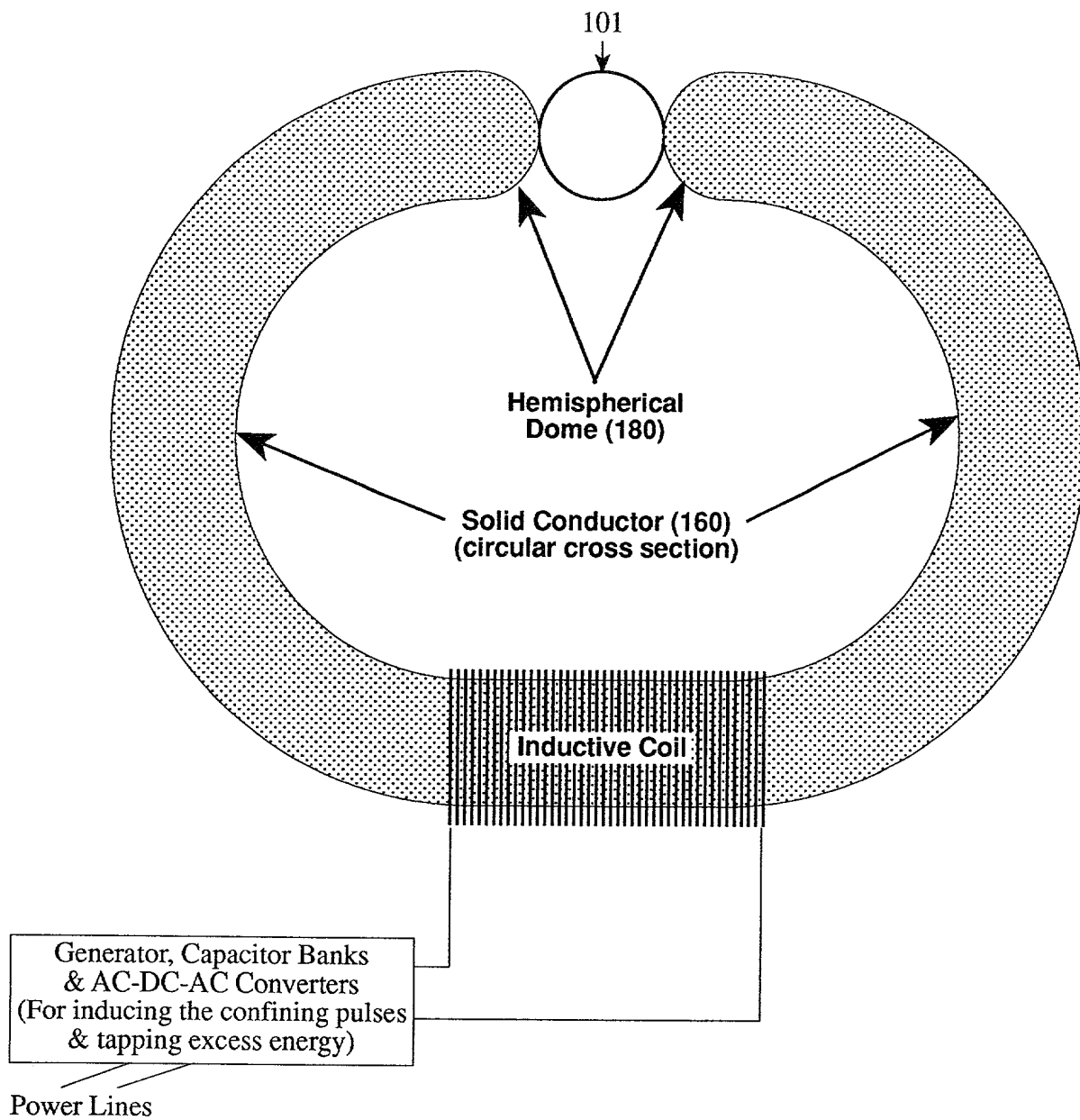


Figure 74

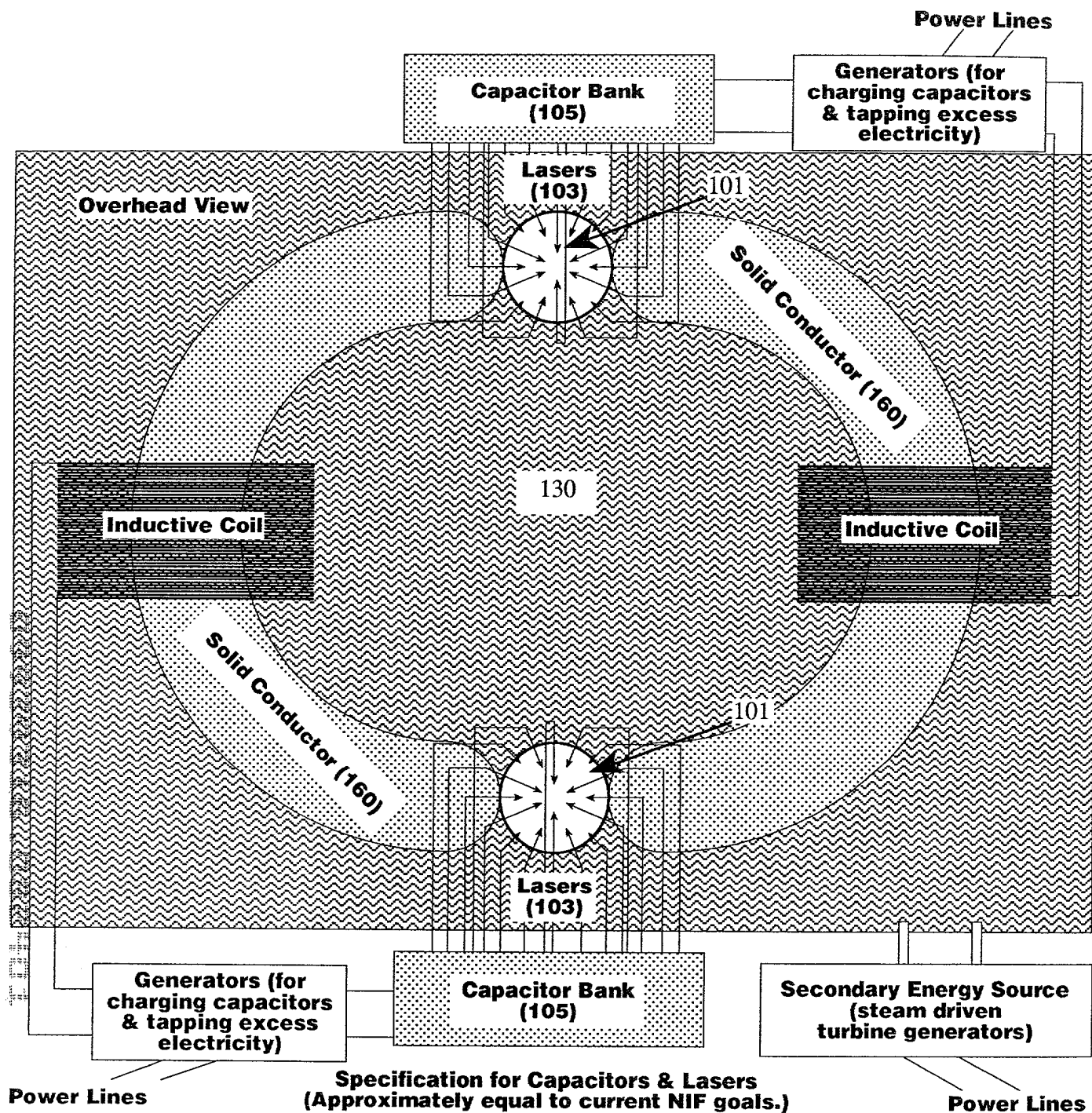


Figure 75

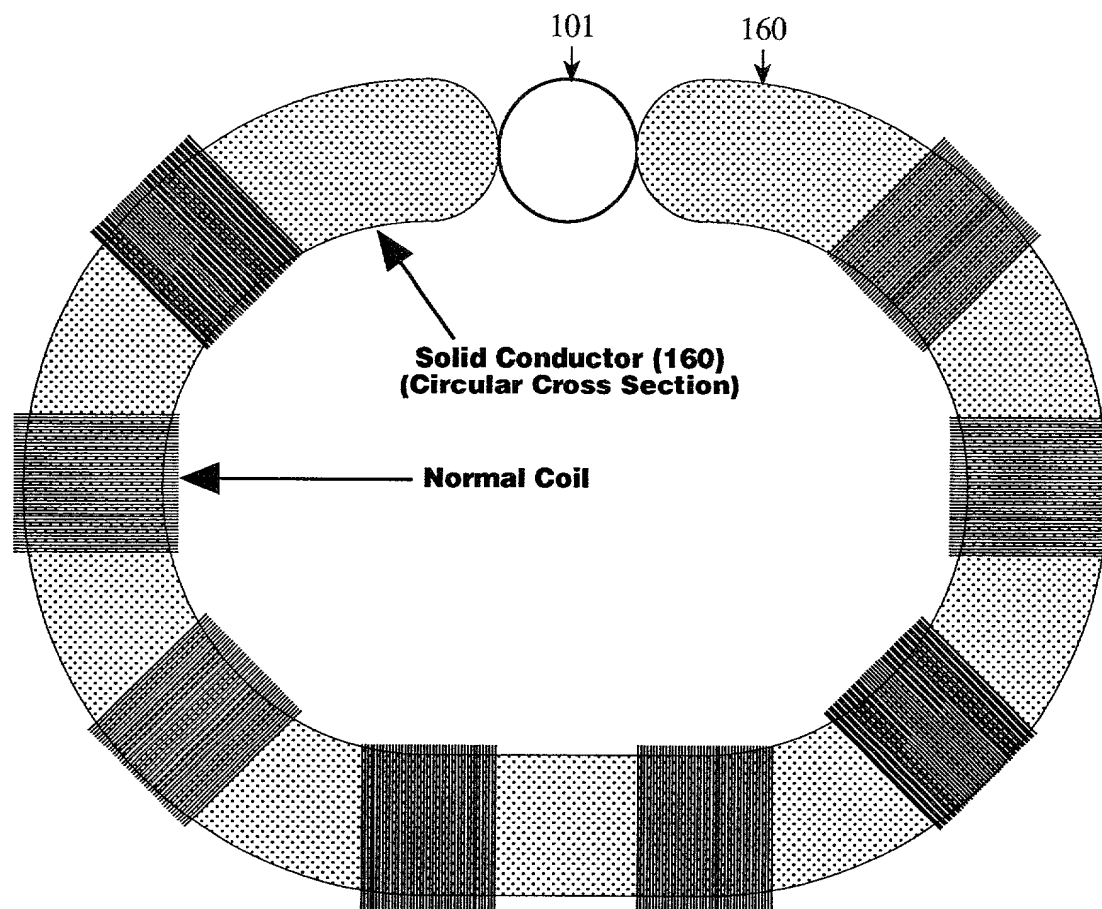


Figure 76

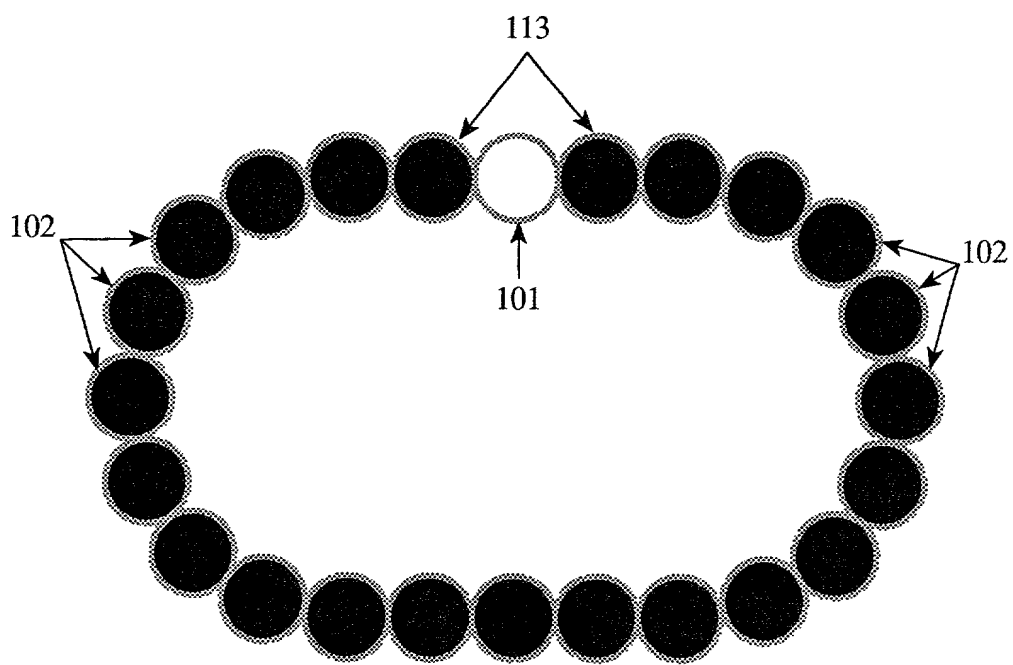


Figure 77

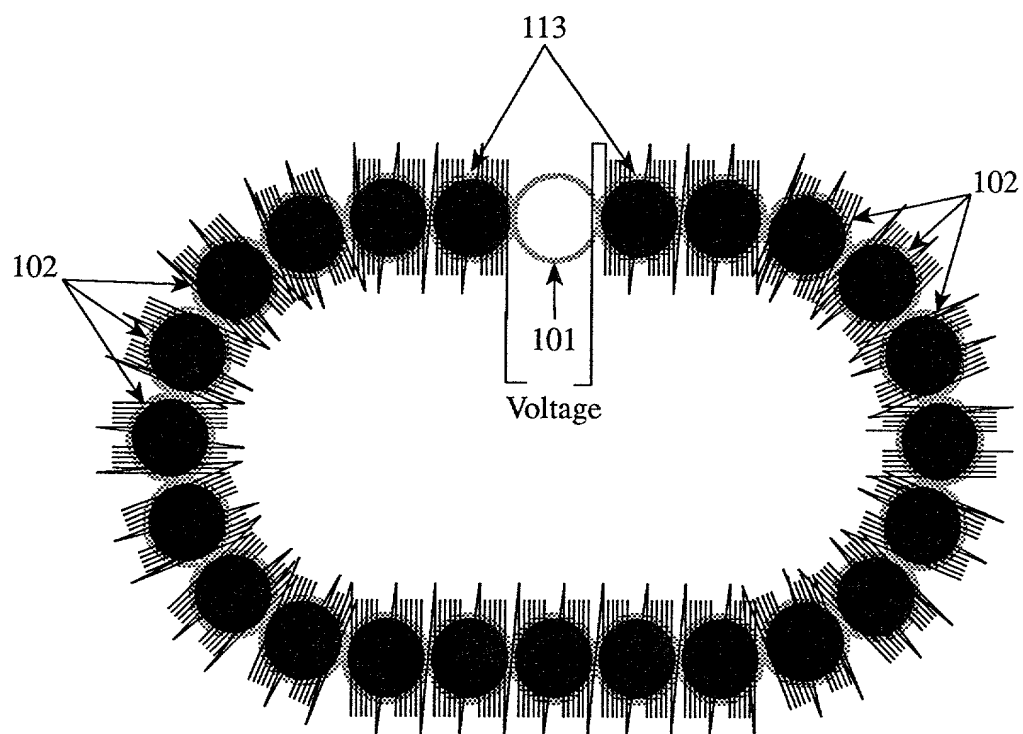


Figure 78

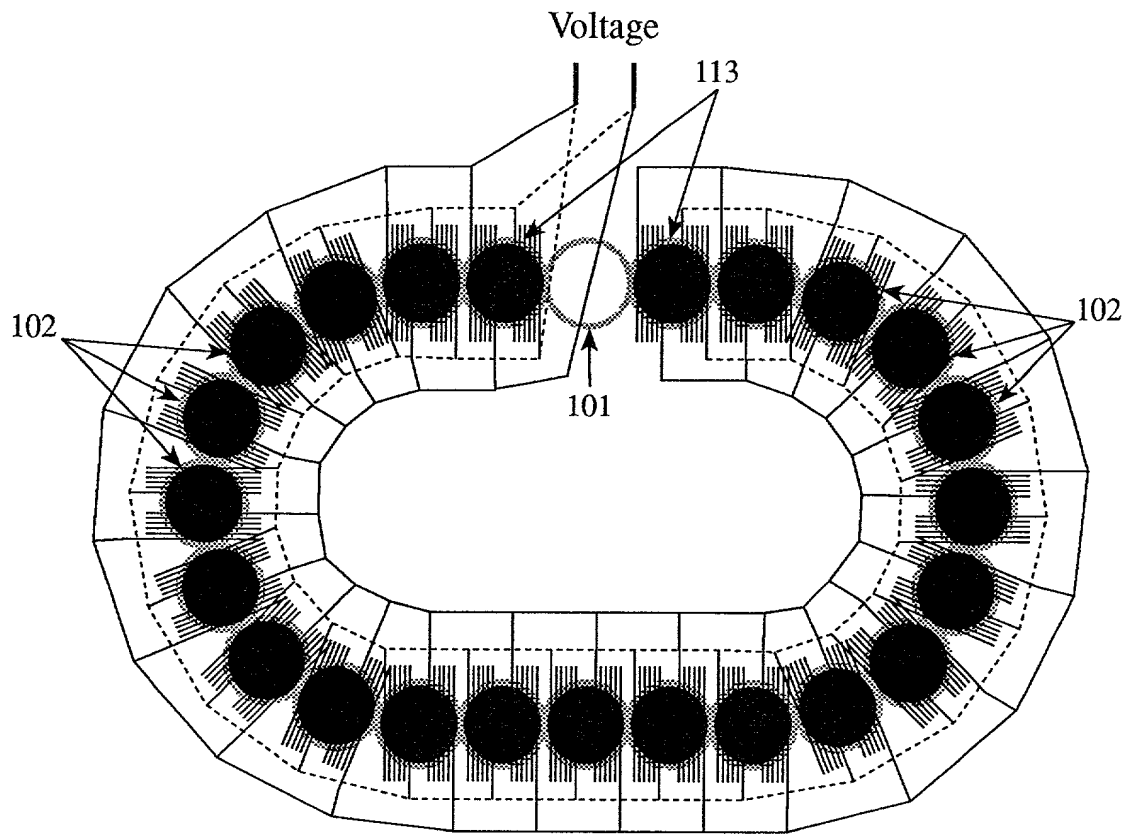
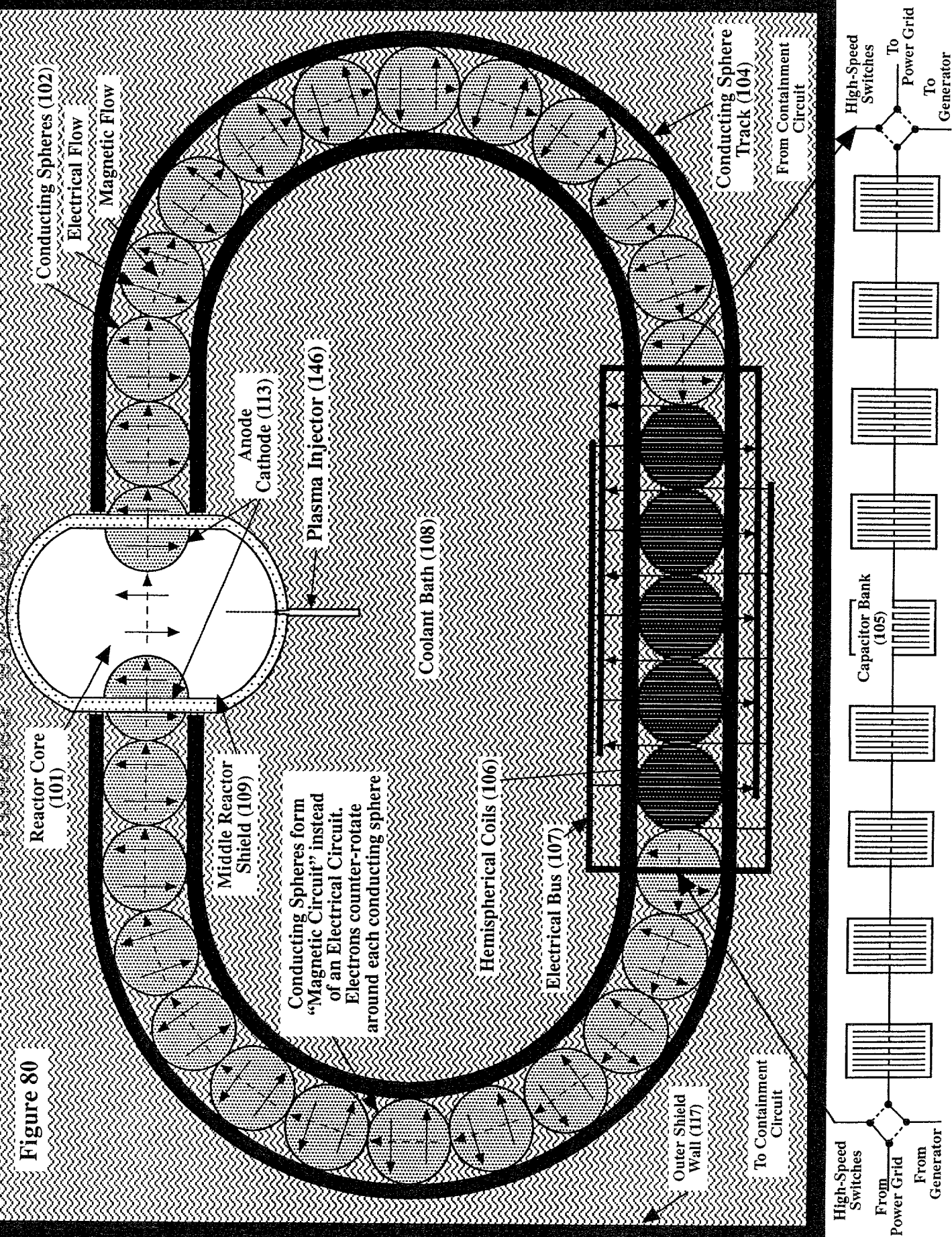


Figure 79

Figure 80



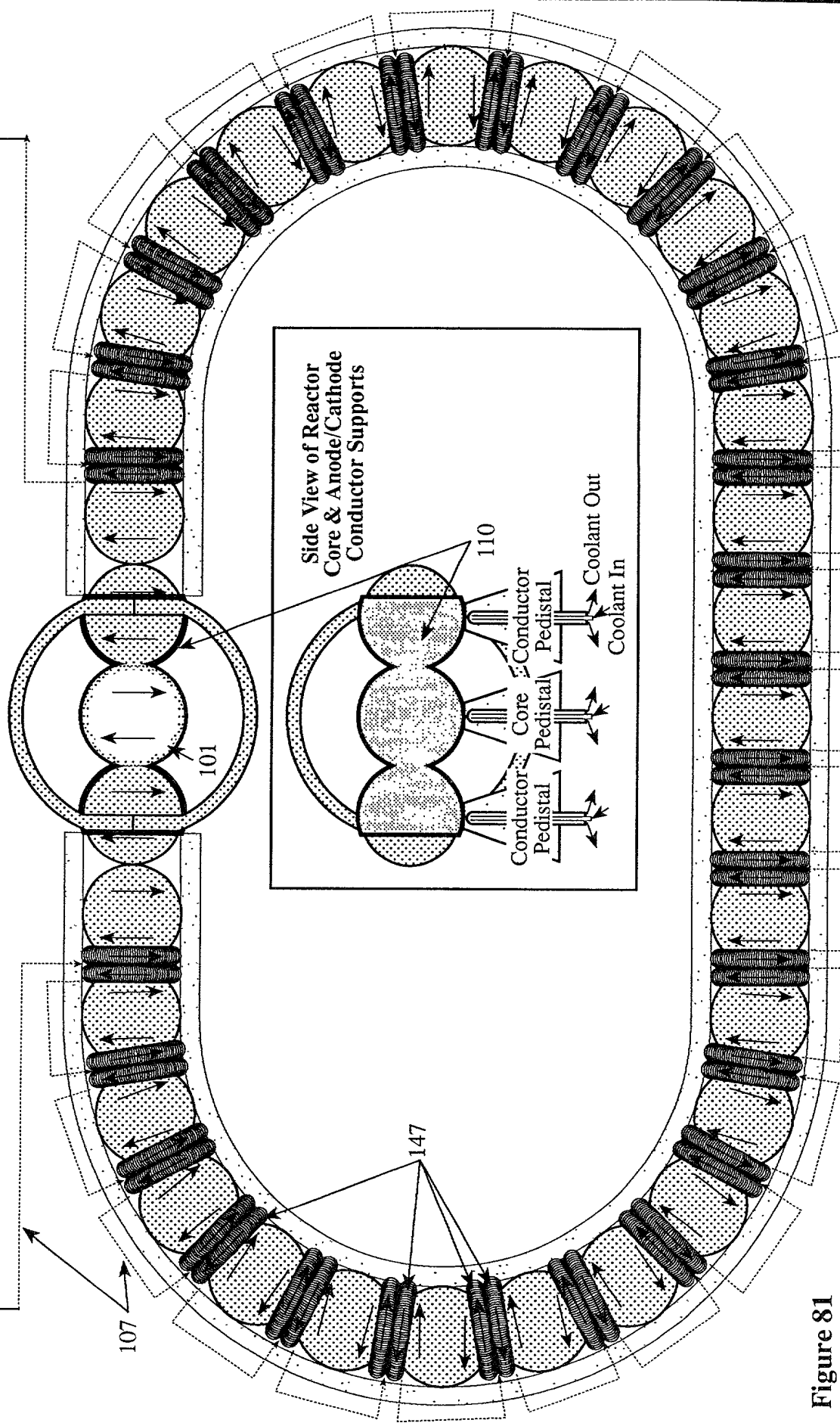
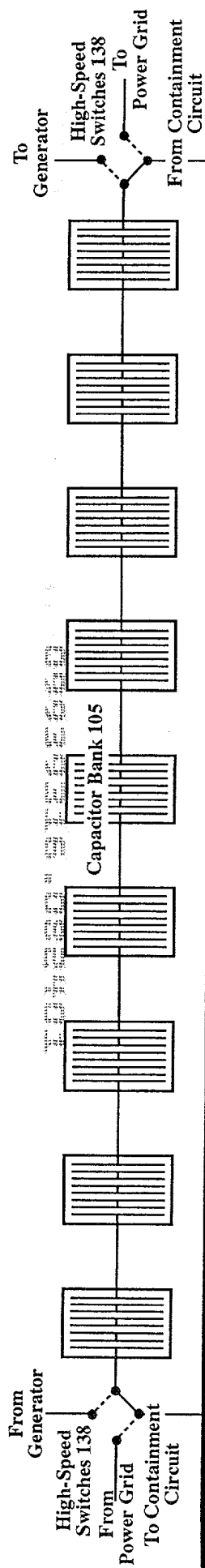


Figure 81

Figure 82

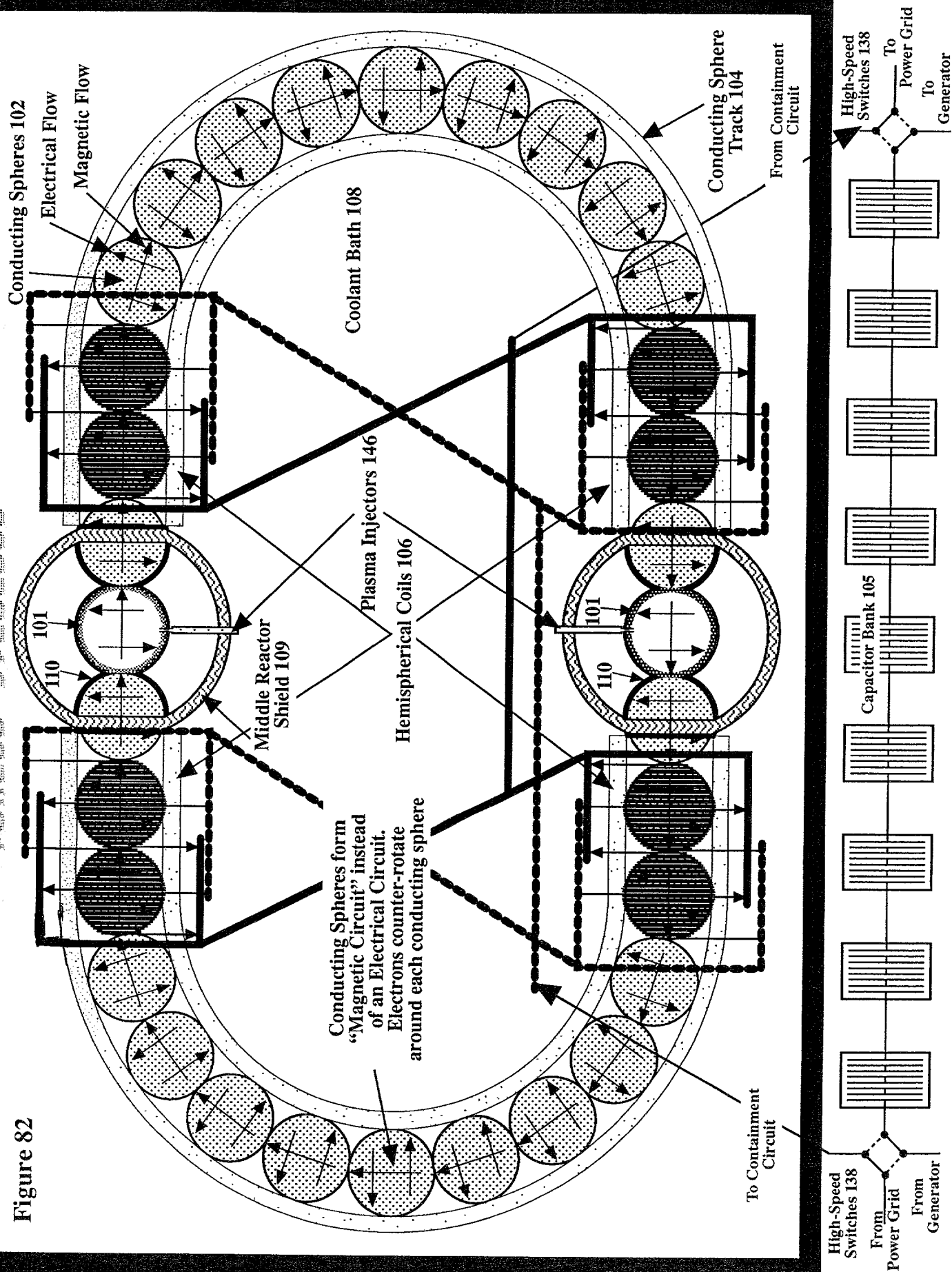


Figure 83

